



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
DESA/HWSB/HWSS
2890, Woodbridge Avenue, Edison, NJ 08837

EXECUTIVE NARRATIVE

Case No. : 44546

Site: Superior Barrel and Drum

Number of Samples: 18 (soil)

Analysis: VOA/BNA/PEST/PCB

SDG No.: BASR8

Laboratory: ALS Laboratory Group

Sampling dates: 07/23/2014

Validation SOP: HW33 (Rev 3), HW 35(Rev 2)
HW-36 (Rev.4) and HW 37 (Rev.3)

QAPP: Not available.

SUMMARY OF DEFINITIONS:

Critical: Results have an unacceptable level of uncertainty and should not be used for making decisions.
Data have been qualified "R" rejected.

Major: A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-" represent likely direction of the bias.

Minor: The level of uncertainty is acceptable. No significant bias in the data was observed.

Critical Findings:

VOA: Sample BASR9RE has analytes that have been qualified R as the internal standard area is outside the lower limit criteria.

Pest: Samples BASS1 and BASS7 have analytes that have been qualified R due to percent differences between analytes results exceeding 200%.

Major Findings:

VOA: Samples BASR8 and BASS0 have analytes that have been qualified "J", "J+" or "J-".

Pest: Samples BASSR8, BASS0 and BASS1 have analytes that have been qualified "J", "J+" or "J-".

BNA: Sample BASS0 has analytes that have been qualified "J", "J+" or "J-".

PCB: Sample BASS0 has analytes that have been qualified "J", "J+" or "J-".

Minor Findings:

VOA: RRF for 1, 4-Dioxane and 1,4-Dioxane-d8 is below limits in initial and continuing calibrations.

COMMENTS: None.

Reviewer Name(s): Archana Mirle/Israel Okwuonu

Approver's Signature:

Date: 8/27/2014

Name: Narendra Kumar

Affiliation: USEPA/R2/HWSB/HWSS



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Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	Explanation		
	INORGANICS	ORGANICS	CHLORINATED DIOXIN/FURAN
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL).	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J-	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	



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DATA ASSESSMENT

ANALYSIS: VOA

The current SOP HW-33/VOA (Revision 3) March 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data has been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report. Tentatively Identified Compounds (TICS) for VOA organic fraction is not validated.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. DEUTERATED MONITORING COMPOUNDS (DMC's)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J+. Non-detected compounds are not qualified.

1,2-Dichloroethane-d4 BASR9

1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2-Dibromoethane, 1,2-Dichloroethane, Carbon tetrachloride, Methyl acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane

The following volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J-. Non-detected compounds are qualified UJ.

1,1,2,2-Tetrachloroethane-d2 BASR8

1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not Applicable.



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4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the amount of contamination present in the QA blanks, the analytes are qualified as non-detects, "U". Qualifications were applied to the samples and analytes as shown below.

A) Method blank contamination:

The following volatile samples have analyte concentrations reported less than the CRQL. The associated method blank concentration is less than the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

1,2-Dichlorobenzene BASS2

m,p-Xylene BASR8, BAST2

Toluene BASR8, BASR9RE, BASS8, BAST1, BAST2, BAST5

o-Xylene BAST1, BAST2

B) Field or rinse blank contamination:

The following volatile samples have contaminant analyte concentrations reported less than CRQL. The associated rinse blank contaminant concentration is less than the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Carbon disulfide BBSR8

m,p-Xylene BASS1

Toluene BASR9, BASS2, BASS3

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated rinse blank contaminant concentration is less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Acetone BASS0, BASS2, BASS4, BAST2, BAST6

C) Trip blank contamination for VOA aqueous samples:

Not applicable.

D) Storage Blank associated with VOA samples only:

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.



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Methylene chloride BASR8, BASR9RE, BASS1, BASS3, BASS6, BASS8, BAST1, BAST2, BAST3, BAST4, BAST5, BAST6

E) TICs "R" rejected:

Tentatively Identified Compounds (TICs) for VOA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene. If the mass calibration is in error, all associated data will be classified as unusable "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be ≥ 0.05 , and ≥ 0.01 for the twenty-two analytes with poor response and additional compounds, and ≥ 0.005 for 1,4-Dioxane in both the initial and opening CCV. For a closing CCV RRF for all Target compounds must ≥ 0.01 and ≥ 0.005 for 1,4-Dioxane. A value < 0.05 , or < 0.01 for the poor performers and < 0.005 for 1,4-Dioxane indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

The following volatile samples are associated with initial calibration with average relative response factors (mean RRFs) and CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Non-detected compounds are qualified R.

1,4-Dioxane , 1,4-Dioxane-d8 BASR8, BASR9, BASR9RE, BASS0, BASS1, BASS2, BASS3, BASS4, BASS5, BASS6, BASS8, BAST1, BAST2, BAST3, BAST4, BAST5, BAST6, BAST7, VBLKS1, VBLKS2, VHBLKS1

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily



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performance. Percent RSD must be < 20% for Target compounds, < 30% for additional compounds, < 40% for the poor performers, and < 50% for 1,4-Dioxane. %D must be < 25% for Target compounds, < 40% for the poor performers and additional compounds, and < 50% for 1,4-Dioxane for the opening CCV. For the closing CCV %D must be < 50% for all Target compounds and < 40% for all additional compounds. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J". Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, non-detects may be qualified using professional judgement. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range of 50% - 200 % of the associated continuing calibration internal standard area. The retention time of the internal standards must not vary more than 30 seconds from the associated continuing calibration standard. If the area count is greater than 200%, all positive results quantitated using that IS are qualified as estimated "J-", and non-detects are not qualified. If the area count is less than 50% of the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated "J+" and all non-detects are qualified "R".

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below.

The following volatile samples have internal standard area counts that are outside the lower limit of primary criteria. Detected compounds are qualified J+. Non-detected compounds are qualified R.

1,4-Difluorobenzene BASR9

1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethane, 1,4-Dioxane, 2-Butanone, Acetone, Bromochloromethane, Bromomethane, Carbon disulfide, Chloroethane, Chloroform, Chloromethane, Dichlorodifluoromethane, Methyl acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane, Vinyl chloride, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene

Chlorobenzene-d5 BASR9

1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2-Dibromoethane, 1,2-Dichloropropane, 2-Hexanone, 4-Methyl-2-Pentanone, Benzene, Bromodichloromethane, Carbon tetrachloride, Chlorobenzene, Cyclohexane, Dibromochloromethane, Ethylbenzene, Isopropylbenzene, Methylcyclohexane, Styrene, Tetrachloroethene, Toluene, Trichloroethene, cis-1,3-Dichloropropene, m,p-Xylene, o-Xylene, trans-1,3-Dichloropropene

1,4-Dichlorobenzene-d4 BASR9, BASR9RE

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-



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Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Bromoform

8. FIELD DUPLICATES:

Samples BASR9/BASS0:
RPD values are greater than 50% for acetone and 2-Butanone.

9. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within a window of 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/z intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

1,4-Dioxane, 1,4-Dioxane-d8:

Initial calibration with average relative response factors (mean RRFs) and Continuing Calibration response factor (RRF 50.0) is below the contractual criteria in all the opening and closing CCV calibrations.

11. FIELD DOCUMENTATION:

No problems were identified.

12. OTHER PROBLEMS:

Percent moisture content of the following volatile soil samples are greater than 70% but less than or equal to 90%. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

BASS0

13. DILUTIONS, RE-EXTRactions & REANALYSIS:

Samples may be reanalyzed after dilution, re-extraction and for other QC reasons. In such cases, the best result values are consolidated in one single report and the other report is marked as not to be used. The following Form 1(s) are not used:

None.

ANALYSIS: BNA

The current SOP HW-35/SVOA (Revision 2) March 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines



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Report and the CCS Semi- Automated Screening Results Report. Tentatively Identified Compounds (TICS) for BNA organic fraction is not validated.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. DEUTERATED MONITORING COMPOUNDS (DMC's)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following semivolatile samples have deuterated monitoring compound recovery above the upper limit of the criteria window. Detected compounds are qualified J+. Non-detected compounds are not qualified.

Benzo(a)pyrene-d12 BAST3

Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene

2-Nitrophenol-d4 BAST3

2-Nitrophenol, Isophorone

Anthracene-d10 BAST2, BAST3

Anthracene, Atrazine, Hexachlorobenzene, Phenanthrene

Acenaphthylene-d8 BAST3

2-Chloronaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Naphthalene

The following diluted semivolatile samples with dilution factors less than or equal to 5 have deuterated monitoring compound recovery above the upper limit of the criteria window. Detected compounds are qualified J+. Non-detected compounds are not qualified.

Acenaphthylene-d8 BAST1, BAST5

2-Chloronaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Naphthalene

Anthracene-d10 BAST1, BAST5



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Anthracene, Atrazine, Hexachlorobenzene, Phenanthrene

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the concentration of the analyte in the blank, the analytes are qualified as non-detects, "U".

A) Method blank contamination:

No problems were found for this criterion.

B) Field or rinse blank contamination:

The following semivolatile samples have contaminant analyte concentrations reported less than 5x the CRQL. The associated rinse blank contaminant concentration is less than 5x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Bis (2-ethylhexyl) phthalate BASR8, BASR9, BASS1, BASS2, BASS4, BAST3, BAST4

The following semivolatile samples have contaminant analyte concentrations reported less than the CRQL. The associated rinse blank contaminant concentration is less than the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Benzaldehyde BASR8

C) Tentatively Identified Compounds:

Tentatively Identified Compounds (TICs) for BNA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for Semi-volatiles is Decafluorotriphenyl-phosphine (DFTPP). If the mass calibration is in error, all associated data will be classified as unusable "R".



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No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be 0.05 and <0.01 for compounds exhibiting poor response in both initial and continuing calibrations. A value <0.05 and <0.01 for compounds exhibiting poor response indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 20%, and < 40% for the poor performers. % D must be < 25% and < 40% for poor performers. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J". Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, non-detects may be qualified using professional judgement.

The following analytes in the sample shown were qualified for %RSD and %D:

No problems were found for this criterion.

7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range of 50% - 200 % of the associated continuing calibration internal standard area. The retention time of the internal standards must not vary more than 30 seconds from the associated continuing calibration standard. If the area count is greater than 200%, all positive results quantitated using that IS are qualified as estimated "J-", and non-detects are not qualified. If the area count is less than 50% of the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated "J+" and all non-detects are qualified "R".



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If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

8. FIELD DUPLICATES:

No problems were found for this criterion.

9. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within a window of 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/z intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

No problems were found for this criterion.

11. FIELD DOCUMENTATION:

No problems were identified.

12. OTHER PROBLEMS:

Percent moisture content of the following volatile soil samples are greater than 70% but less than or equal to 90%. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

BASS0

13. DILUTIONS, RE-EXTRactions & REANALYSIS:

Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.



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ANALYSIS: PESTICIDES

The current SOP HW-36 (Revision 4) May 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. SURROGATES

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATES (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

4. LABORATORY CONTROL RECOVERY (LCS):

The LCS data is generated to determine the long-term precision and accuracy of the analytical method. The LCS may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

5. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending



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on the concentration of the analyte in the blank, the analytes are qualified as non-detects, "U". Qualifications were applied to the samples and analytes as shown below.

A) Method/Instrument blank contamination:

The following pesticide samples have analyte concentrations reported less than the CRQL. The associated method blank concentration is less than the concentration criteria. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Endosulfan sulfate BASS1, BASS3, BASS5, BASS7, BASS8, BAST3, BAST4, BAST5

The following pesticide samples have analyte concentrations reported less than the CRQL. The associated instrument blank concentration is less than the concentration criteria. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

4,4'-DDT BASS8

Methoxychlor BAST3

Endrin aldehyde BASS5

B) Field or rinse blank contamination:

The following pesticide sample has analyte concentrations reported less than the CRQL. The associated rinse blank concentration is less than the concentration criteria. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Endrin Ketone BASS0

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

For the PESTICIDE fraction, if %RSD exceeds 20% for all analytes except alpha-BHC and delta-BHC 25%, for the two surrogates and Toxaphene 30%, qualify all associated positive results "J" and non-detects are not qualified. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) The Percent Difference (%D) for each of the SCP and surrogate in the PEM used for CCV must be greater than or equal to -25% and less than or equal to 25.0%. The Percent Difference (%D) between the calibration Factor (CF) for each of the SCP and surrogate in the



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Calibration Verification Standard (CS3) and the mean calibration factor from the initial calibration must be greater than or equal to -20% and less than or equal to 20.0%. The Percent Difference not within limits, detected associated compounds are qualified "J" and non-detected associated compounds are qualified "UJ". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

7. FIELD DUPLICATES:

No problems were found for this criterion.

8. COMPOUND IDENTIFICATION:

The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10ng/ml in the final sample extract. Qualifications were applied to the samples and analytes as shown below.

The following pesticide samples have percent differences between analyte results in the range of 26-70%. Detected compounds are qualified J.

Endosulfan II BASS2, BASS5

alpha-Chlordane BASS4

Endosulfan sulfate BAST3, PBLKS1

4,4'-DDT BASR8

4,4'-DDE BASS0, BASS2, BASS4, BASS5, BAST5

Dieldrin BASS2MS, BASS2MSD, BASS5

Aldrin BASS2MSD

Endrin BASS2MS, BAST6

Endrin aldehyde BASS5

Heptachlor epoxide BASS1, BAST4

gamma-chlordane BASS1

The following pesticide samples have percent differences between analyte results exceeding 50% and the results are below CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Endosulfan II BASS0, BASS3, BASS4, BASS6, BASS7, BAST3

Endosulfan I BASS7



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4,4'-DDT BASR9, BASS0, BASS2, BASS3, BASS4, BASS5, BASS6, BASS7, BAST1, BAST2, BAST4, BAST5, BAST7, PBLKS1, PLCSS1

Aldrin BASS2MS, BAST5, BAST6

Dieldrin BASR9, BASS0, BASS1, BASS3, BASS4, BASS6, BASS7, BASS8, PBLKS1

delta-BHC BASR8, BAST1, BAST2, BAST3, BAST4

Endrin aldehyde BASR9, BASS1, BASS2, BASS2MS, BASS2MSD, BASS3, BASS4, BASS6, BASS8, BAST1, BAST5, BAST6, BAST7, PLCSS1

beta-BHC BAST1, BAST3, BAST4

alpha-Chlordane BASR9, BASS0, BASS2, BASS2MS, BASS2MSD, BASS8

Endosulfan sulfate BASS8, BAST4, BAST5

4,4'-DDE BASR9, BASS1, BASS2MS, BASS2MSD, BASS3, BASS6, BASS7, BASS8, BAST3, BAST4, BAST7

gamma-Chlordane BASR9, BASS0, BASS3, BASS4, BASS7, BAST1, BAST3

4,4'-DDD BASR9, BASS7, BAST1, BAST2, BAST3

Heptachlor BASS2, BASS8

Endrin ketone BASR8, BASR9, BASS2MSD, BASS5, BAST5, BAST6

Methoxychlor BASR8, BASR9, BASS2, BASS2MS, BASS2MSD, BASS6, BASS8, BAST5, BAST6

Endrin BASR8, BASS8, BAST3, BAST5

Heptachlor epoxide BASR9, BASS0, BASS2, BASS3, BASS4, BAST3, BAST5

alpha-BHC BAST5

The following pesticide samples have percent differences between analyte results exceeding 200%. Detected compounds are qualified R.

4,4'-DDD BASS1

Endrin aldehyde BASS7

9. CONTRACT PROBLEMS NON-COMPLIANCE:

None.

10. FIELD DOCUMENTATION:

No problems were identified.



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11. OTHER PROBLEMS:

Percent moisture content of the following pesticide soil samples are greater than 70% but less than or equal to 90%. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

BASS0

- 12. Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable sample and analytes.**

ANALYSIS: PCB

The current SOP HW-37 (Revision 3) May 2013, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. SURROGATES:

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

The following aroclor samples have surrogate percent recoveries which exceed 150%. Detected compounds are qualified J+. Non-detected compounds are not qualified.

Decachlorobiphenyl BAST3

Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260, Aroclor-1262, Aroclor-1268

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATES (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.



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The following Aroclor matrix/matrix spike duplicate samples have percent recoveries that are greater than the upper acceptance limit. Detected compounds are qualified J. Nondetected compounds are not qualified.

Aroclor-1260 BASS2 BASS2MS, BASS2MSD

4. Laboratory Control Samples (LCS):

The LCS data provides information on the accuracy of the analytical method and laboratory performance. If LCS recoveries fell outside of the acceptable limits, qualifications were applied to the associated samples and compounds as shown below.

No problems were found for this criterion.

5. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the concentration of the analyte in the blank, the analytes are qualified as non-detects U. Qualifications were applied to the samples and analytes as shown below.

A) Method blank contamination:

No problems were found for this criterion.

B) Field or rinse blank contamination:

No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Percent Relative Standard Deviation (%RSD):

For the PCB fraction, if %RSD exceeds 20% for all analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ".

No problems were found for this criterion.

B) Percent Difference (%D):

For opening CCV, or closing CCV that is used as an opening CCV for the next 12-hour period, if %D exceeds 15% for analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ".



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For closing CCV, if %D exceeds 50% for all analytes and the two surrogates, qualify all associated positive results “J” and non-detects “UJ”.

No problems were found for this criterion.

7. FIELD DUPLICATES:

No problems were found for this criterion.

8. COMPOUND IDENTIFICATION:

A) PCB Fraction:

The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10ng/ml in the final sample extract. Qualifications were applied to the samples and analytes as shown below.

The following aroclor samples have percent differences between analyte results exceeding 50% and the results are below CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.

Aroclor-1260 BASS2MS, BASS2MSD

9. CONTRACT PROBLEMS NON-COMPLIANCE:

None

10. FIELD DOCUMENTATION:

No problems were identified.

11. OTHER PROBLEMS:

None.

12. Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable sample and analytes.

Sample Summary Report

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	ABLKS1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	401678	pH:		Sample Date:	08/05/2014	Sample Time:	05:02:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1260	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33.	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	ALCSS1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	401680	pH:		Sample Date:	08/05/2014	Sample Time:	05:17:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	32	J	ug/kg	31.62729602616	J	1.0	Yes	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1260	Spike	38		ug/kg	37.57604164973		1.0	Yes	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASR8	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS009	pH:	10.3	Sample Date:	07/23/2014	Sample Time:	08:55:00
% Moisture :	9.0431			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	360	U	ug/kg	359.335620973	U	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	359.335620973	U	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	359.335620973	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	359.335620973	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	359.335620973	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	359.335620973	U	10.0	Yes	S3VEM
Aroclor-1260	Target	360	U	ug/kg	359.335620973	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	359.335620973	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	359.335620973	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASR8	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS009	pH:	10.3	Sample Date:	07/23/2014	Sample Time:	08:55:00
% Moisture :	9.0431			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	19	U	ug/kg	18.51122895922	U	10.0	Yes	S3VEM
beta-BHC	Target	19	U	ug/kg	18.51122895922	U	10.0	Yes	S3VEM
delta-BHC	Target	19	U	ug/kg	5.666368783848	JP	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	19	U	ug/kg	18.51122895922	U	10.0	Yes	S3VEM
Heptachlor	Target	19	U	ug/kg	18.51122895922	U	10.0	Yes	S3VEM
Aldrin	Target	19	U	ug/kg	18.51122895922	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	3.7	J	ug/kg	3.740076486986	J	10.0	Yes	S3VEM
Endosulfan I	Target	14	J	ug/kg	13.91016890944	J	10.0	Yes	S3VEM
Diieldrin	Target	36	U	ug/kg	35.9335620973	U	10.0	Yes	S3VEM
4,4'-DDE	Target	36	U	ug/kg	35.9335620973	U	10.0	Yes	S3VEM
Endrin	Target	36	U	ug/kg	21.98833345811	JP	10.0	Yes	S3VEM
Endosulfan II	Target	36	U	ug/kg	35.9335620973	U	10.0	Yes	S3VEM
4,4'-DDD	Target	36	U	ug/kg	35.9335620973	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	62		ug/kg	61.86336964701	B	10.0	Yes	S3VEM
4,4'-DDT	Target	31	J	ug/kg	30.72604556898	JBP	10.0	Yes	S3VEM
Methoxychlor	Target	190	U	ug/kg	172.4833223789	JP	10.0	Yes	S3VEM
Endrin ketone	Target	36	U	ug/kg	29.7702266768	JP	10.0	Yes	S3VEM
Endrin aldehyde	Target	36	U	ug/kg	35.9335620973	U	10.0	Yes	S3VEM
alpha-Chlordane	Target	19	U	ug/kg	18.51122895922	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	19	U	ug/kg	18.51122895922	U	10.0	Yes	S3VEM
Toxaphene	Target	1900	U	ug/kg	1851.122895922	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASR8	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS009	pH:	10.3	Sample Date:	07/23/2014	Sample Time:	08:55:00	
% Moisture :	9.0431			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	26000	U	ug/kg	3875.646662733	J	5.0	Yes	S3VEM
Phenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2-Chlorophenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2-Methylphenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Acetophenone	Target	5400	J	ug/kg	5389.890745524	J	5.0	Yes	S3VEM
4-Methylphenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Hexachloroethane	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Nitrobenzene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Isophorone	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2-Nitrophenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2,4-Dimethylphenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2,4-Dichlorophenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Naphthalene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
4-Chloroaniline	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Hexachlorobutadiene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Caprolactam	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2-Methylnaphthalene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
1,1'-Biphenyl	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2-Chloronaphthalene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	52000	U	ug/kg	52353.41971752	U	5.0	Yes	S3VEM
Dimethylphthalate	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Acenaphthylene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
3-Nitroaniline	Target	52000	U	ug/kg	52353.41971752	U	5.0	Yes	S3VEM
Acenaphthene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2,4-Dinitrophenol	Target	52000	U	ug/kg	52353.41971752	U	5.0	Yes	S3VEM
4-Nitrophenol	Target	52000	U	ug/kg	52353.41971752	U	5.0	Yes	S3VEM
Dibenzofuran	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Diethylphthalate	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Fluorene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
4-Nitroaniline	Target	52000	U	ug/kg	52353.41971752	U	5.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	52000	U	ug/kg	52353.41971752	U	5.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Hexachlorobenzene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Atrazine	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Pentachlorophenol	Target	52000	U	ug/kg	52353.41971752	U	5.0	Yes	S3VEM
Phenanthrene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Anthracene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Carbazole	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Di-n-butylphthalate	Target	2500	J	ug/kg	2518.162912928	J	5.0	Yes	S3VEM
Fluoranthene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Pyrene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Butylbenzylphthalate	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Benzo(a)anthracene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Chrysene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Bis(2-	Target	26000	U	ug/kg	73230.56982617		5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	26000	U	ug/kg	73230.56982617		5.0	Yes	S3VEM
Di-n-octylphthalate	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Benzo(a)pyrene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	36000	JNB	ug/kg	35586.71351879	JNB	5.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	26000	U	ug/kg	26176.70985876	U	5.0	Yes	S3VEM
Phthalic anhydride	TIC	24000	JN	ug/kg	24275.75718882	JN	5.0	Yes	NV
9-Octadecenamide, (Z)-	TIC				16933.19007344	JNB	5.0	Yes	

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASR8	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS009	pH:		Sample Date:	07/23/2014	Sample Time:	08:55:00
% Moisture :	9.0431			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Acetone	Target	33		ug/kg	33.23065487074		1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	1.770888812334	J	1.0	Yes	S3VEM
Methyl acetate	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	0.3245130090169	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
2-Butanone	Target	11		ug/kg	11.23205650841		1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Chloroform	Target	10		ug/kg	10.271491538		1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.33	J	ug/kg	0.3299416170601	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Benzene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	88	R	ug/kg	87.95374512544	U	1.0	Yes	S3VEM
Trichloroethene	Target	0.85	J	ug/kg	0.8461523010198	J	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,2-Dichloroproppane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.8	U	ug/kg	8.795374512544	U	1.0	Yes	S3VEM
Toluene	Target	4.4	U	ug/kg	0.1108787693814	JB	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.8	U	ug/kg	8.795374512544	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
o-Xylene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	U	ug/kg	0.1651874168184	JB	1.0	Yes	S3VEM
Styrene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	UJ	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	UJ	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	U	ug/kg	4.397687256272	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASR9	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS009	pH:	7.4	Sample Date:	07/23/2014	Sample Time:	09:15:00
% Moisture :	14.979			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.0	U	ug/kg	1.979708915246	U	1.0	Yes	S3VEM
beta-BHC	Target	2.0	U	ug/kg	1.979708915246	U	1.0	Yes	S3VEM
delta-BHC	Target	2.0	U	ug/kg	1.979708915246	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	2.0	U	ug/kg	1.979708915246	U	1.0	Yes	S3VEM
Heptachlor	Target	2.0	U	ug/kg	1.979708915246	U	1.0	Yes	S3VEM
Aldrin	Target	2.0	U	ug/kg	1.979708915246	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	2.0	U	ug/kg	0.045821972955 55	JP	1.0	Yes	S3VEM
Endosulfan I	Target	2.0	U	ug/kg	1.979708915246	U	1.0	Yes	S3VEM
Dieldrin	Target	3.8	U	ug/kg	0.550160793372 2	JBP	1.0	Yes	S3VEM
4,4'-DDE	Target	3.8	U	ug/kg	0.187084779017 6	JP	1.0	Yes	S3VEM
Endrin	Target	3.8	U	ug/kg	3.84296436489	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.8	U	ug/kg	3.84296436489	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.8	U	ug/kg	0.438635288391 8	JP	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.8	U	ug/kg	3.84296436489	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.8	U	ug/kg	0.214768307431 8	JBP	1.0	Yes	S3VEM
Methoxychlor	Target	20	U	ug/kg	0.106600625746 7	JP	1.0	Yes	S3VEM
Endrin ketone	Target	3.8	U	ug/kg	0.042372277121 52	JP	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.8	U	ug/kg	0.014197870220 98	JP	1.0	Yes	S3VEM
alpha-Chlordane	Target	2.0	U	ug/kg	0.639966197118 9	JP	1.0	Yes	S3VEM
gamma-Chlordane	Target	2.0	U	ug/kg	0.992214436691 5	JP	1.0	Yes	S3VEM
Toxaphene	Target	200	U	ug/kg	197.9708915246	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASR9	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS009	pH:	7.4	Sample Date:	07/23/2014	Sample Time:	09:15:00	
% Moisture :	14.979			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Phenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Acetophenone	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Isophorone	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Naphthalene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Caprolactam	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	10890.55557951	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	10890.55557951	U	1.0	Yes	S3VEM
Acenaphthene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	10890.55557951	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	10890.55557951	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Fluorene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	10890.55557951	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	10890.55557951	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Atrazine	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	10890.55557951	U	1.0	Yes	S3VEM
Phenanthrene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Anthracene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Carbazole	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Fluoranthene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Pyrene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Chrysene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Bis(2-	Target	5400	U	ug/kg	718.9693868278	J	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5400	U	ug/kg	718.9693868278	J	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5400	U	ug/kg	5445.277789757	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	40000	JNB	ug/kg	39536.09282587	JNB	1.0	Yes	NV
13-Docosenamide, (Z)-	TIC	17000	JN	ug/kg	17035.22484859	JN	1.0	Yes	NV
Hexadecanamide	TIC	2500	JN	ug/kg	2523.123916662	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASR9	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS009	pH:		Sample Date:	07/23/2014	Sample Time:	09:15:00
% Moisture :	14.979			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Chloromethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Vinyl chloride	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Bromomethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Chloroethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Trichlorofluoromethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,1-Dichloroethene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Acetone	Target	25	J+	ug/kg	24.5720183145		1.0	No	S3VEM
Carbon disulfide	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Methyl acetate	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Methylene chloride	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
trans-1,2-Dichloroethene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Methyl tert-butyl ether	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,1-Dichloroethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
cis-1,2-Dichloroethene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
2-Butanone	Target	11	J+	ug/kg	11.03082699353		1.0	No	S3VEM
Bromochloromethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Chloroform	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,1,1-Trichloroethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Cyclohexane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Carbon tetrachloride	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Benzene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,2-Dichloroethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,4-Dioxane	Target	96	R	ug/kg	95.93637867762	U	1.0	No	S3VEM
Trichloroethene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Methylcyclohexane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,2-Dichloropropane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
cis-1,3-Dichloropropene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
4-Methyl-2-Pentanone	Target	9.6	R	ug/kg	9.593637867762	U	1.0	No	S3VEM
Toluene	Target	4.8	UJ	ug/kg	0.2335139065784	J	1.0	No	S3VEM
trans-1,3-Dichloropropene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,1,2-Trichloroethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Tetrachloroethene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
2-Hexanone	Target	9.6	R	ug/kg	9.593637867762	U	1.0	No	S3VEM
Dibromochloromethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,2-Dibromoethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Chlorobenzene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Ethylbenzene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
o-Xylene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
m,p-Xylene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Styrene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Bromoform	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
Isopropylbenzene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,3-Dichlorobenzene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,4-Dichlorobenzene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,2-Dichlorobenzene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,2,4-Trichlorobenzene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM
1,2,3-Trichlorobenzene	Target	4.8	R	ug/kg	4.796818933881	U	1.0	No	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASR9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS009	pH:	7.4	Sample Date:	07/23/2014	Sample Time:	09:15:00
% Moisture :	14.979			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	38	U	ug/kg	38.4296436489	U	1.0	Yes	S3VEM
Aroclor-1221	Target	38	U	ug/kg	38.4296436489	U	1.0	Yes	S3VEM
Aroclor-1232	Target	38	U	ug/kg	38.4296436489	U	1.0	Yes	S3VEM
Aroclor-1242	Target	38	U	ug/kg	38.4296436489	U	1.0	Yes	S3VEM
Aroclor-1248	Target	38	U	ug/kg	38.4296436489	U	1.0	Yes	S3VEM
Aroclor-1254	Target	38	U	ug/kg	38.4296436489	U	1.0	Yes	S3VEM
Aroclor-1260	Target	38	U	ug/kg	38.4296436489	U	1.0	Yes	S3VEM
Aroclor-1262	Target	38	U	ug/kg	38.4296436489	U	1.0	Yes	S3VEM
Aroclor-1268	Target	38	U	ug/kg	38.4296436489	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASR9RE	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS009	pH:		Sample Date:	07/23/2014	Sample Time:	09:15:00	
% Moisture :	14.979			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Chloromethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Bromomethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Chloroethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Acetone	Target	28		ug/kg	27.62240635508		1.0	Yes	S3VEM
Carbon disulfide	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.1	U	ug/kg	0.3111418199027	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
2-Butanone	Target	11		ug/kg	10.53799399965		1.0	Yes	S3VEM
Bromochloromethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Chloroform	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Benzene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	102.8129372891	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10.28129372891	U	1.0	Yes	S3VEM
Toluene	Target	5.1	U	ug/kg	0.4033061911204	JB	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10.28129372891	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
o-Xylene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Styrene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Bromoform	Target	5.1	R	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.1	U	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.1	R	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.1	R	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.1	R	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.1	R	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.1	R	ug/kg	5.140646864456	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.1	R	ug/kg	5.140646864456	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS0	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS009	pH:		Sample Date:	07/23/2014	Sample Time:	09:16:00	
% Moisture :	87.086			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Chloromethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Vinyl chloride	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Bromomethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Chloroethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Acetone	Target	59	UJ	ug/kg	73.26063092189		1.0	Yes	S3VEM
Carbon disulfide	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Methyl acetate	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Methylene chloride	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
2-Butanone	Target	59	UJ	ug/kg	59.47414860972	U	1.0	Yes	S3VEM
Bromochloromethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Chloroform	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Cyclohexane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Benzene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	590	R	ug/kg	594.7414860972	U	1.0	Yes	S3VEM
Trichloroethene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	59	UJ	ug/kg	59.47414860972	U	1.0	Yes	S3VEM
Toluene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
2-Hexanone	Target	59	UJ	ug/kg	59.47414860972	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Chlorobenzene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Ethylbenzene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
o-Xylene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
m,p-Xylene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Styrene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Bromoform	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	30	UJ	ug/kg	29.73707430486	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS0	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS009	pH:	7.1	Sample Date:	07/23/2014	Sample Time:	09:16:00
% Moisture :	87.086			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	13	UJ	ug/kg	13.00791309612	U	1.0	Yes	S3VEM
beta-BHC	Target	13	UJ	ug/kg	13.00791309612	U	1.0	Yes	S3VEM
delta-BHC	Target	13	UJ	ug/kg	13.00791309612	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	13	UJ	ug/kg	13.00791309612	U	1.0	Yes	S3VEM
Heptachlor	Target	13	UJ	ug/kg	13.00791309612	U	1.0	Yes	S3VEM
Aldrin	Target	13	UJ	ug/kg	13.00791309612	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	13	UJ	ug/kg	0.7981722529902	JP	1.0	Yes	S3VEM
Endosulfan I	Target	13	UJ	ug/kg	13.00791309612	U	1.0	Yes	S3VEM
Dieldrin	Target	25	UJ	ug/kg	4.6061221779	JBP	1.0	Yes	S3VEM
4,4'-DDE	Target	3.1	J	ug/kg	3.126485341844	JP	1.0	Yes	S3VEM
Endrin	Target	25	UJ	ug/kg	25.25065483365	U	1.0	Yes	S3VEM
Endosulfan II	Target	25	UJ	ug/kg	2.941322038876	JP	1.0	Yes	S3VEM
4,4'-DDD	Target	25	UJ	ug/kg	25.25065483365	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	25	UJ	ug/kg	25.25065483365	U	1.0	Yes	S3VEM
4,4'-DDT	Target	25	UJ	ug/kg	2.800185606262	JBP	1.0	Yes	S3VEM
Methoxychlor	Target	130	UJ	ug/kg	130.0791309612	U	1.0	Yes	S3VEM
Endrin ketone	Target	25	UJ	ug/kg	1.105284833878	J	1.0	Yes	S3VEM
Endrin aldehyde	Target	25	UJ	ug/kg	25.25065483365	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	13	UJ	ug/kg	4.925477868377	JP	1.0	Yes	S3VEM
gamma-Chlordane	Target	13	UJ	ug/kg	7.995049814086	JP	1.0	Yes	S3VEM
Toxaphene	Target	1300	UJ	ug/kg	1300.791309612	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS0	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS009	pH:	7.1	Sample Date:	07/23/2014	Sample Time:	09:16:00
% Moisture :	87.086			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	250	UJ	ug/kg	252.5065483365	U	1.0	Yes	S3VEM
Aroclor-1221	Target	250	UJ	ug/kg	252.5065483365	U	1.0	Yes	S3VEM
Aroclor-1232	Target	250	UJ	ug/kg	252.5065483365	U	1.0	Yes	S3VEM
Aroclor-1242	Target	250	UJ	ug/kg	252.5065483365	U	1.0	Yes	S3VEM
Aroclor-1248	Target	250	UJ	ug/kg	252.5065483365	U	1.0	Yes	S3VEM
Aroclor-1254	Target	250	UJ	ug/kg	252.5065483365	U	1.0	Yes	S3VEM
Aroclor-1260	Target	250	UJ	ug/kg	252.5065483365	U	1.0	Yes	S3VEM
Aroclor-1262	Target	250	UJ	ug/kg	252.5065483365	U	1.0	Yes	S3VEM
Aroclor-1268	Target	250	UJ	ug/kg	252.5065483365	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS0	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS009	pH:	7.1	Sample Date:	07/23/2014	Sample Time:	09:16:00	
% Moisture :	87.086			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Phenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2-Methylphenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Acetophenone	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
4-Methylphenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Hexachloroethane	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Nitrobenzene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Isophorone	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Naphthalene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Caprolactam	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	77000	UJ	ug/kg	76668.65494045	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Acenaphthylene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	77000	UJ	ug/kg	76668.65494045	U	1.0	Yes	S3VEM
Acenaphthene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	77000	UJ	ug/kg	76668.65494045	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	77000	UJ	ug/kg	76668.65494045	U	1.0	Yes	S3VEM
Dibenzofuran	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Diethylphthalate	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Fluorene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	77000	UJ	ug/kg	76668.65494045	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	77000	UJ	ug/kg	76668.65494045	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Atrazine	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	77000	UJ	ug/kg	76668.65494045	U	1.0	Yes	S3VEM
Phenanthrene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Anthracene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Carbazole	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Fluoranthene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Pyrene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Chrysene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Bis(2-	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	38000	UJ	ug/kg	38334.32747023	U	1.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	140000	JN	ug/kg	138417.5896295	JN	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	270000	JNB	ug/kg	265479.0180892	JNB	1.0	Yes	NV
Hexadecanamide	TIC	17000	JN	ug/kg	16571.16307883	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS010	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	09:40:00
% Moisture :	4.5259			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.78808806055	U	10.0	Yes	S3VEM
beta-BHC	Target	1.8	J	ug/kg	1.812837113086	J	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.78808806055	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.78808806055	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	17.78808806055	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.78808806055	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	11	J	ug/kg	11.43165660973	JP	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.78808806055	U	10.0	Yes	S3VEM
Diieldrin	Target	35	U	ug/kg	31.29483025012	JBP	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	30.17756593294	JP	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	34.52981799989	U	10.0	Yes	S3VEM
Endosulfan II	Target	21	J	ug/kg	20.74404705177	JP	10.0	Yes	S3VEM
4,4'-DDD	Target	40	R	ug/kg	40.0059766354	P	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	18.47412234699	JB	10.0	Yes	S3VEM
4,4'-DDT	Target	35	U	ug/kg	34.52981799989	U	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	177.8808806055	U	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	34.52981799989	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	18.74967169938	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	39		ug/kg	39.04364966137		10.0	Yes	S3VEM
gamma-Chlordane	Target	26	J	ug/kg	26.34094496317	P	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1778.808806055	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS010	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	09:40:00
% Moisture :	4.5259			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	345.2981799989	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	345.2981799989	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	345.2981799989	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	345.2981799989	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	345.2981799989	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	345.2981799989	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	345.2981799989	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	345.2981799989	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	345.2981799989	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS010	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	09:40:00	
% Moisture :	4.5259			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Phenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2-Methylphenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Acetophenone	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
4-Methylphenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Hexachloroethane	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Nitrobenzene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Isophorone	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Naphthalene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Caprolactam	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	31000	U	ug/kg	31422.1343799	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Acenaphthylene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	31000	U	ug/kg	31422.1343799	U	3.0	Yes	S3VEM
Acenaphthene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	31000	U	ug/kg	31422.1343799	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	31000	U	ug/kg	31422.1343799	U	3.0	Yes	S3VEM
Dibenzofuran	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Diethylphthalate	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Fluorene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	31000	U	ug/kg	31422.1343799	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	31000	U	ug/kg	31422.1343799	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Atrazine	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	31000	U	ug/kg	31422.1343799	U	3.0	Yes	S3VEM
Phenanthrene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Anthracene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Carbazole	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Fluoranthene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Pyrene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Chrysene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Bis(2-	Target	16000	U	ug/kg	2039.021014355	J	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	16000	U	ug/kg	2039.021014355	J	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	46000	JNB	ug/kg	45980.95190214	JNB	3.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	16000	U	ug/kg	15711.06718995	U	3.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	17000	JN	ug/kg	17023.25552165	JN	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS010	pH:		Sample Date:	07/23/2014	Sample Time:	09:40:00	
% Moisture :	4.5259			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Acetone	Target	19		ug/kg	18.80775434616		1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	0.4755846659414	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
2-Butanone	Target	7.9	J	ug/kg	7.883497790724	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Chloroform	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.34	J	ug/kg	0.3436267506938	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Benzene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	88	R	ug/kg	88.314037043	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.8	U	ug/kg	8.8314037043	U	1.0	Yes	S3VEM
Toluene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.8	U	ug/kg	8.8314037043	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
o-Xylene	Target	0.21	J	ug/kg	0.213777198234 4	J	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	U	ug/kg	0.309059515409 9	J	1.0	Yes	S3VEM
Styrene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	U	ug/kg	4.41570185215	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS010	pH:	7.6	Sample Date:	07/23/2014	Sample Time:	10:00:00	
% Moisture :	10.92			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Phenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2-Methylphenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Acetophenone	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
4-Methylphenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Hexachloroethane	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Nitrobenzene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Isophorone	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Naphthalene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Caprolactam	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	34000	U	ug/kg	33677.59317467	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Acenaphthylene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	34000	U	ug/kg	33677.59317467	U	3.0	Yes	S3VEM
Acenaphthene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	34000	U	ug/kg	33677.59317467	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	34000	U	ug/kg	33677.59317467	U	3.0	Yes	S3VEM
Dibenzofuran	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Diethylphthalate	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Fluorene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	34000	U	ug/kg	33677.59317467	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	34000	U	ug/kg	33677.59317467	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Atrazine	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	34000	U	ug/kg	33677.59317467	U	3.0	Yes	S3VEM
Phenanthrene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Anthracene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Carbazole	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Fluoranthene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Pyrene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Chrysene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Bis(2-	Target	17000	U	ug/kg	2551.893086468	J	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	17000	U	ug/kg	2551.893086468	J	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	42000	JNB	ug/kg	42260.66457117	JNB	3.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	17000	U	ug/kg	16838.79658734	U	3.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	14000	JN	ug/kg	14240.23349798	JN	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS2	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS010	pH:	7.6	Sample Date:	07/23/2014	Sample Time:	10:00:00
% Moisture :	10.92			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	19	U	ug/kg	18.80811708178	U	10.0	Yes	S3VEM
beta-BHC	Target	19	U	ug/kg	18.80811708178	U	10.0	Yes	S3VEM
delta-BHC	Target	19	U	ug/kg	18.80811708178	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	19	U	ug/kg	18.80811708178	U	10.0	Yes	S3VEM
Heptachlor	Target	19	U	ug/kg	0.615166046119 6	JP	10.0	Yes	S3VEM
Aldrin	Target	19	U	ug/kg	18.80811708178	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	19	U	ug/kg	0.371843663172 5	JP	10.0	Yes	S3VEM
Endosulfan I	Target	19	U	ug/kg	18.80811708178	U	10.0	Yes	S3VEM
Dieldrin	Target	37	U	ug/kg	36.50987433523	U	10.0	Yes	S3VEM
4,4'-DDE	Target	3.0	J	ug/kg	3.00366777875	JP	10.0	Yes	S3VEM
Endrin	Target	37	U	ug/kg	36.50987433523	U	10.0	Yes	S3VEM
Endosulfan II	Target	1.2	J	ug/kg	1.240908767267	JP	10.0	Yes	S3VEM
4,4'-DDD	Target	37	U	ug/kg	36.50987433523	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	37	U	ug/kg	36.50987433523	U	10.0	Yes	S3VEM
4,4'-DDT	Target	37	U	ug/kg	3.125404505067	JBP	10.0	Yes	S3VEM
Methoxychlor	Target	190	U	ug/kg	6.686171679265	JP	10.0	Yes	S3VEM
Endrin ketone	Target	37	U	ug/kg	36.50987433523	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	37	U	ug/kg	0.449051178057 5	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	19	U	ug/kg	8.055609118478	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	13	J	ug/kg	13.09593135928	J	10.0	Yes	S3VEM
Toxaphene	Target	1900	U	ug/kg	1880.811708178	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS010	pH:	7.6	Sample Date:	07/23/2014	Sample Time:	10:00:00
% Moisture :	10.92			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	370	U	ug/kg	365.0987433523	U	10.0	Yes	S3VEM
Aroclor-1221	Target	370	U	ug/kg	365.0987433523	U	10.0	Yes	S3VEM
Aroclor-1232	Target	370	U	ug/kg	365.0987433523	U	10.0	Yes	S3VEM
Aroclor-1242	Target	370	U	ug/kg	365.0987433523	U	10.0	Yes	S3VEM
Aroclor-1248	Target	370	U	ug/kg	365.0987433523	U	10.0	Yes	S3VEM
Aroclor-1254	Target	370	U	ug/kg	365.0987433523	U	10.0	Yes	S3VEM
Aroclor-1260	Target	370	U	ug/kg	365.0987433523	U	10.0	Yes	S3VEM
Aroclor-1262	Target	370	U	ug/kg	365.0987433523	U	10.0	Yes	S3VEM
Aroclor-1268	Target	370	U	ug/kg	365.0987433523	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS010	pH:		Sample Date:	07/23/2014	Sample Time:	10:00:00	
% Moisture :	10.92			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Chloromethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Bromomethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Chloroethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Acetone	Target	9.3	U	ug/kg	11.13209205231		1.0	Yes	S3VEM
Carbon disulfide	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	1.6	J	ug/kg	1.60429485571	J	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
2-Butanone	Target	4.9	J	ug/kg	4.933856418247	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Chloroform	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Benzene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	93	R	ug/kg	92.77573877321	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.3	U	ug/kg	9.277573877321	U	1.0	Yes	S3VEM
Toluene	Target	4.6	U	ug/kg	0.865737581058	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
2-Hexanone	Target	9.3	U	ug/kg	9.277573877321	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Ethylbenzene	Target	0.35	J	ug/kg	0.3506915514851	J	1.0	Yes	S3VEM
o-Xylene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Styrene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Bromoform	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	0.35	J	ug/kg	0.3454485775123	J	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.6	U	ug/kg	0.209369299164	JB	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.6	U	ug/kg	4.63878693866	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS2MS	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420634006	pH:	7.6	Sample Date:	07/23/2014	Sample Time:	10:00:00
% Moisture :	12.603			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	19	U	ug/kg	19.43850957949	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Spike	14	J	ug/kg	13.66221212508	J	10.0	Yes	S3VEM
Heptachlor	Spike	19	J	ug/kg	19.11183809312	J	10.0	Yes	S3VEM
beta-BHC	Target	19	U	ug/kg	19.43850957949	U	10.0	Yes	S3VEM
Aldrin	Spike	19	U	ug/kg	10.83911308115	JP	10.0	Yes	S3VEM
delta-BHC	Target	19	U	ug/kg	19.43850957949	U	10.0	Yes	S3VEM
Dieldrin	Spike	33	J	ug/kg	32.96722022393	JPB	10.0	Yes	S3VEM
Endrin	Spike	25	J	ug/kg	24.96115942906	JP	10.0	Yes	S3VEM
4,4'-DDT	Spike	39		ug/kg	39.44664005358	B	10.0	Yes	S3VEM
Heptachlor epoxide	Target	19	U	ug/kg	19.43850957949	U	10.0	Yes	S3VEM
Endosulfan I	Target	19	U	ug/kg	19.43850957949	U	10.0	Yes	S3VEM
4,4'-DDE	Target	38	U	ug/kg	3.153900993302	JP	10.0	Yes	S3VEM
Endosulfan II	Target	38	U	ug/kg	37.73357741901	U	10.0	Yes	S3VEM
4,4'-DDD	Target	38	U	ug/kg	37.73357741901	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	38	U	ug/kg	37.73357741901	U	10.0	Yes	S3VEM
Methoxychlor	Target	190	U	ug/kg	4.878852008521	JP	10.0	Yes	S3VEM
Endrin ketone	Target	3.2	J	ug/kg	3.159426801314	J	10.0	Yes	S3VEM
Endrin aldehyde	Target	38	U	ug/kg	0.771150548560 5	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	19	U	ug/kg	9.23603275427	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	19	J	ug/kg	18.76783234388	J	10.0	Yes	S3VEM
Toxaphene	Target	1900	U	ug/kg	1943.850957949	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS2MS	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420634006	pH:	7.6	Sample Date:	07/23/2014	Sample Time:	10:00:00
% Moisture :	12.603			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	160	J	ug/kg	161.7307397859	J	10.0	Yes	S3VEM
Aroclor-1260	Spike	380	U	ug/kg	155.5975261621	JP	10.0	Yes	S3VEM
Aroclor-1221	Target	380	U	ug/kg	377.3357741901	U	10.0	Yes	S3VEM
Aroclor-1232	Target	380	U	ug/kg	377.3357741901	U	10.0	Yes	S3VEM
Aroclor-1242	Target	380	U	ug/kg	377.3357741901	U	10.0	Yes	S3VEM
Aroclor-1248	Target	380	U	ug/kg	377.3357741901	U	10.0	Yes	S3VEM
Aroclor-1254	Target	380	U	ug/kg	377.3357741901	U	10.0	Yes	S3VEM
Aroclor-1262	Target	380	U	ug/kg	377.3357741901	U	10.0	Yes	S3VEM
Aroclor-1268	Target	380	U	ug/kg	377.3357741901	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS2MSD	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420634007	pH:	7.6	Sample Date:	07/23/2014	Sample Time:	10:00:00
% Moisture :	10.974			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	19	U	ug/kg	19.04475909739	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Spike	14	J	ug/kg	13.805461475	J	10.0	Yes	S3VEM
Heptachlor	Spike	19	J	ug/kg	18.78224223927	J	10.0	Yes	S3VEM
beta-BHC	Target	19	U	ug/kg	19.04475909739	U	10.0	Yes	S3VEM
delta-BHC	Target	19	U	ug/kg	19.04475909739	U	10.0	Yes	S3VEM
Aldrin	Spike	10	J	ug/kg	10.22756348463	JP	10.0	Yes	S3VEM
Dieldrin	Spike	34	J	ug/kg	33.67784555684	JBP	10.0	Yes	S3VEM
Endrin	Spike	27	J	ug/kg	27.03264268491	J	10.0	Yes	S3VEM
4,4'-DDT	Spike	40		ug/kg	39.70899186157	B	10.0	Yes	S3VEM
Heptachlor epoxide	Target	19	U	ug/kg	19.04475909739	U	10.0	Yes	S3VEM
Endosulfan I	Target	19	U	ug/kg	19.04475909739	U	10.0	Yes	S3VEM
4,4'-DDE	Target	37	U	ug/kg	3.37718118943	JP	10.0	Yes	S3VEM
Endosulfan II	Target	1.7	J	ug/kg	1.674862547992	J	10.0	Yes	S3VEM
4,4'-DDD	Target	37	U	ug/kg	36.96923824788	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	37	U	ug/kg	36.96923824788	U	10.0	Yes	S3VEM
Methoxychlor	Target	190	U	ug/kg	3.427315010416	JP	10.0	Yes	S3VEM
Endrin ketone	Target	37	U	ug/kg	1.132512447072	JP	10.0	Yes	S3VEM
Endrin aldehyde	Target	37	U	ug/kg	0.765903372196 1	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	19	U	ug/kg	7.827189086821	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	14	J	ug/kg	14.03937538902	J	10.0	Yes	S3VEM
Toxaphene	Target	1900	U	ug/kg	1904.475909739	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS2MSD	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	1420634007	pH:	7.6	Sample Date:	07/23/2014	Sample Time:	10:00:00
% Moisture :	10.974			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	170	J	ug/kg	170.7760107305	J	10.0	Yes	S3VEM
Aroclor-1260	Spike	370	U	ug/kg	165.3560151935	JP	10.0	Yes	S3VEM
Aroclor-1221	Target	370	U	ug/kg	369.6923824788	U	10.0	Yes	S3VEM
Aroclor-1232	Target	370	U	ug/kg	369.6923824788	U	10.0	Yes	S3VEM
Aroclor-1242	Target	370	U	ug/kg	369.6923824788	U	10.0	Yes	S3VEM
Aroclor-1248	Target	370	U	ug/kg	369.6923824788	U	10.0	Yes	S3VEM
Aroclor-1254	Target	370	U	ug/kg	369.6923824788	U	10.0	Yes	S3VEM
Aroclor-1262	Target	370	U	ug/kg	369.6923824788	U	10.0	Yes	S3VEM
Aroclor-1268	Target	370	U	ug/kg	369.6923824788	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS3	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS011	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	10:20:00	
% Moisture :	5.9223			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Phenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2-Chlorophenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2-Methylphenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Acetophenone	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
4-Methylphenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Hexachloroethane	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Nitrobenzene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Isophorone	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2-Nitrophenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2,4-Dimethylphenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2,4-Dichlorophenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Naphthalene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
4-Chloroaniline	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Hexachlorobutadiene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Caprolactam	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2-Methylnaphthalene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
1,1'-Biphenyl	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2-Chloronaphthalene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	31000	U	ug/kg	30959.74241742	U	3.0	Yes	S3VEM
Dimethylphthalate	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Acenaphthylene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
3-Nitroaniline	Target	31000	U	ug/kg	30959.74241742	U	3.0	Yes	S3VEM
Acenaphthene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2,4-Dinitrophenol	Target	31000	U	ug/kg	30959.74241742	U	3.0	Yes	S3VEM
4-Nitrophenol	Target	31000	U	ug/kg	30959.74241742	U	3.0	Yes	S3VEM
Dibenzofuran	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Diethylphthalate	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Fluorene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
4-Nitroaniline	Target	31000	U	ug/kg	30959.74241742	U	3.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	31000	U	ug/kg	30959.74241742	U	3.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Hexachlorobenzene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Atrazine	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Pentachlorophenol	Target	31000	U	ug/kg	30959.74241742	U	3.0	Yes	S3VEM
Phenanthrene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Anthracene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Carbazole	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Di-n-butylphthalate	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Fluoranthene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Pyrene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Butylbenzylphthalate	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Benzo(a)anthracene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Chrysene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Bis(2-	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Di-n-octylphthalate	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Benzo(a)pyrene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	15000	U	ug/kg	15479.87120871	U	3.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				27801.53909342	JNB	3.0	Yes	
9-Octadecenamide, (Z)-	TIC	29000	JNB	ug/kg	28835.59449016	JNB	3.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS3	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS011	pH:		Sample Date:	07/23/2014	Sample Time:	10:20:00	
% Moisture :	5.9223			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Chloromethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Bromomethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Chloroethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Acetone	Target	8.9	U	ug/kg	8.932362658247	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.5	U	ug/kg	2.256357385975	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
2-Butanone	Target	8.9	U	ug/kg	8.932362658247	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Chloroform	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.65	J	ug/kg	0.6470392913559	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Benzene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	89	R	ug/kg	89.32362658247	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.9	U	ug/kg	8.932362658247	U	1.0	Yes	S3VEM
Toluene	Target	4.5	U	ug/kg	0.249188331649	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.9	U	ug/kg	8.932362658247	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
o-Xylene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Styrene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Bromoform	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.5	U	ug/kg	4.466181329124	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS3	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS011	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	10:20:00
% Moisture :	5.9223			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	346.8429943204	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	346.8429943204	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	346.8429943204	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	346.8429943204	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	346.8429943204	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	346.8429943204	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	346.8429943204	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	346.8429943204	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	346.8429943204	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS3	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS011	pH:	8.4	Sample Date:	07/23/2014	Sample Time:	10:20:00
% Moisture :	5.9223			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.86766940438	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	17.86766940438	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.86766940438	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.86766940438	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	17.86766940438	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.86766940438	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	2.386595876168	JP	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.86766940438	U	10.0	Yes	S3VEM
Diieldrin	Target	35	U	ug/kg	2.900933424067	JBP	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	4.596238231091	JP	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	34.68429943204	U	10.0	Yes	S3VEM
Endosulfan II	Target	35	U	ug/kg	0.910170391975 7	JP	10.0	Yes	S3VEM
4,4'-DDD	Target	35	U	ug/kg	34.68429943204	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	7.648871287829	JB	10.0	Yes	S3VEM
4,4'-DDT	Target	35	U	ug/kg	3.546837716673	JBP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	178.6766940438	U	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	34.68429943204	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	29.36710996611	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	5.2	J	ug/kg	5.151575477693	J	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	5.379125722022	JP	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1786.766940438	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS4	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS011	pH:	8.5	Sample Date:	07/23/2014	Sample Time:	10:25:00
% Moisture :	7.2394			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	360	U	ug/kg	355.7544905919	U	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	355.7544905919	U	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	355.7544905919	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	355.7544905919	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	355.7544905919	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	355.7544905919	U	10.0	Yes	S3VEM
Aroclor-1260	Target	360	U	ug/kg	355.7544905919	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	355.7544905919	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	355.7544905919	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS4	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS011	pH:	8.5	Sample Date:	07/23/2014	Sample Time:	10:25:00	
% Moisture :	7.2394			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Phenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2-Chlorophenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2-Methylphenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Acetophenone	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
4-Methylphenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Hexachloroethane	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Nitrobenzene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Isophorone	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2-Nitrophenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2,4-Dimethylphenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2,4-Dichlorophenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Naphthalene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
4-Chloroaniline	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Hexachlorobutadiene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Caprolactam	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2-Methylnaphthalene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
1,1'-Biphenyl	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2-Chloronaphthalene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	52000	U	ug/kg	52332.22868372	U	5.0	Yes	S3VEM
Dimethylphthalate	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Acenaphthylene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
3-Nitroaniline	Target	52000	U	ug/kg	52332.22868372	U	5.0	Yes	S3VEM
Acenaphthene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2,4-Dinitrophenol	Target	52000	U	ug/kg	52332.22868372	U	5.0	Yes	S3VEM
4-Nitrophenol	Target	52000	U	ug/kg	52332.22868372	U	5.0	Yes	S3VEM
Dibenzofuran	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Diethylphthalate	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Fluorene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
4-Nitroaniline	Target	52000	U	ug/kg	52332.22868372	U	5.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	52000	U	ug/kg	52332.22868372	U	5.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Hexachlorobenzene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Atrazine	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Pentachlorophenol	Target	52000	U	ug/kg	52332.22868372	U	5.0	Yes	S3VEM
Phenanthrene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Anthracene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Carbazole	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Di-n-butylphthalate	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Fluoranthene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Pyrene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Butylbenzylphthalate	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Benzo(a)anthracene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Chrysene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Bis(2-	Target	26000	U	ug/kg	2408.479894823	J	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	26000	U	ug/kg	2408.479894823	J	5.0	Yes	S3VEM
Di-n-octylphthalate	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Benzo(a)pyrene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	26000	U	ug/kg	26166.11434186	U	5.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	40000	JNB	ug/kg	40382.68758608	JNB	5.0	Yes	NV
13-Docosenamide, (Z)-	TIC	35000	JN	ug/kg	35460.31815609	JN	5.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS4	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS011	pH:	8.5	Sample Date:	07/23/2014	Sample Time:	10:25:00
% Moisture :	7.2394			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	18.32674648504	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	18.32674648504	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	18.32674648504	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	18.32674648504	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	18.32674648504	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	18.32674648504	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	1.223957545746	JP	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	18.32674648504	U	10.0	Yes	S3VEM
Dieldrin	Target	36	U	ug/kg	0.675298163821 7	JBP	10.0	Yes	S3VEM
4,4'-DDE	Target	2.6	J	ug/kg	2.590207335226	JP	10.0	Yes	S3VEM
Endrin	Target	36	U	ug/kg	35.57544905919	U	10.0	Yes	S3VEM
Endosulfan II	Target	36	U	ug/kg	0.187576850360 4	JP	10.0	Yes	S3VEM
4,4'-DDD	Target	36	U	ug/kg	35.57544905919	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	36	U	ug/kg	35.57544905919	U	10.0	Yes	S3VEM
4,4'-DDT	Target	36	U	ug/kg	3.666035552041	JBP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	183.2674648504	U	10.0	Yes	S3VEM
Endrin ketone	Target	36	U	ug/kg	35.57544905919	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	36	U	ug/kg	12.47124244391	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	6.6	J	ug/kg	6.555215560849	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	6.517470481745	JP	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1832.674648504	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS4	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS011	pH:		Sample Date:	07/23/2014	Sample Time:	10:25:00	
% Moisture :	7.2394			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Chloromethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Bromomethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Chloroethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Acetone	Target	9.1	U	ug/kg	8.551798133032	J	1.0	Yes	S3VEM
Carbon disulfide	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
2-Butanone	Target	9.1	U	ug/kg	9.074443694315	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Chloroform	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Benzene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	91	R	ug/kg	90.74443694315	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.1	U	ug/kg	9.074443694315	U	1.0	Yes	S3VEM
Toluene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
2-Hexanone	Target	9.1	U	ug/kg	9.074443694315	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
o-Xylene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Styrene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Bromoform	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.5	U	ug/kg	4.537221847157	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS5	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS012	pH:		Sample Date:	07/23/2014	Sample Time:	10:40:00	
% Moisture :	14.874			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Chloromethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Vinyl chloride	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Bromomethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Chloroethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Acetone	Target	13	U	ug/kg	12.82455485714	U	1.0	Yes	S3VEM
Carbon disulfide	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Methyl acetate	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Methylene chloride	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
2-Butanone	Target	13	U	ug/kg	12.82455485714	U	1.0	Yes	S3VEM
Bromochloromethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Chloroform	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Cyclohexane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Benzene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	130	R	ug/kg	128.2455485714	U	1.0	Yes	S3VEM
Trichloroethene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	13	U	ug/kg	12.82455485714	U	1.0	Yes	S3VEM
Toluene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
2-Hexanone	Target	13	U	ug/kg	12.82455485714	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Chlorobenzene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Ethylbenzene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
o-Xylene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
m,p-Xylene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Styrene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Bromoform	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	6.4	U	ug/kg	6.412277428568	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS5	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS012	pH:	8.7	Sample Date:	07/23/2014	Sample Time:	10:40:00
% Moisture :	14.874			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	380	U	ug/kg	383.8224200213	U	10.0	Yes	S3VEM
Aroclor-1221	Target	380	U	ug/kg	383.8224200213	U	10.0	Yes	S3VEM
Aroclor-1232	Target	380	U	ug/kg	383.8224200213	U	10.0	Yes	S3VEM
Aroclor-1242	Target	380	U	ug/kg	383.8224200213	U	10.0	Yes	S3VEM
Aroclor-1248	Target	380	U	ug/kg	383.8224200213	U	10.0	Yes	S3VEM
Aroclor-1254	Target	380	U	ug/kg	383.8224200213	U	10.0	Yes	S3VEM
Aroclor-1260	Target	380	U	ug/kg	383.8224200213	U	10.0	Yes	S3VEM
Aroclor-1262	Target	380	U	ug/kg	383.8224200213	U	10.0	Yes	S3VEM
Aroclor-1268	Target	380	U	ug/kg	383.8224200213	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS5	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS012	pH:	8.7	Sample Date:	07/23/2014	Sample Time:	10:40:00
% Moisture :	14.874			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	20	U	ug/kg	19.77267012231	U	10.0	Yes	S3VEM
beta-BHC	Target	20	U	ug/kg	19.77267012231	U	10.0	Yes	S3VEM
delta-BHC	Target	20	U	ug/kg	19.77267012231	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	20	U	ug/kg	19.77267012231	U	10.0	Yes	S3VEM
Heptachlor	Target	20	U	ug/kg	19.77267012231	U	10.0	Yes	S3VEM
Aldrin	Target	20	U	ug/kg	19.77267012231	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	2.4	J	ug/kg	2.356333474126	J	10.0	Yes	S3VEM
Endosulfan I	Target	20	U	ug/kg	19.77267012231	U	10.0	Yes	S3VEM
Diieldrin	Target	38	U	ug/kg	1.451721770055	JP	10.0	Yes	S3VEM
4,4'-DDE	Target	2.1	J	ug/kg	2.096611977712	JP	10.0	Yes	S3VEM
Endrin	Target	38	U	ug/kg	38.38224200213	U	10.0	Yes	S3VEM
Endosulfan II	Target	0.75	J	ug/kg	0.7488391188845	JP	10.0	Yes	S3VEM
4,4'-DDD	Target	38	U	ug/kg	38.38224200213	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	38	U	ug/kg	4.748013428683	JB	10.0	Yes	S3VEM
4,4'-DDT	Target	38	U	ug/kg	1.885892572351	JPB	10.0	Yes	S3VEM
Methoxychlor	Target	200	U	ug/kg	197.7267012231	U	10.0	Yes	S3VEM
Endrin ketone	Target	38	U	ug/kg	1.243423043909	JP	10.0	Yes	S3VEM
Endrin aldehyde	Target	38	U	ug/kg	7.479929316081	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	20	U	ug/kg	19.77267012231	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	20	U	ug/kg	19.77267012231	U	10.0	Yes	S3VEM
Toxaphene	Target	2000	U	ug/kg	1977.267012231	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS5	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS012	pH:	8.7	Sample Date:	07/23/2014	Sample Time:	10:40:00	
% Moisture :	14.874			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Phenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2-Chlorophenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2-Methylphenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Acetophenone	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
4-Methylphenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Hexachloroethane	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Nitrobenzene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Isophorone	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2-Nitrophenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2,4-Dimethylphenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2,4-Dichlorophenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Naphthalene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
4-Chloroaniline	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Hexachlorobutadiene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Caprolactam	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2-Methylnaphthalene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
1,1'-Biphenyl	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2-Chloronaphthalene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	120000	U	ug/kg	116309.8242489	U	10.0	Yes	S3VEM
Dimethylphthalate	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Acenaphthylene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
3-Nitroaniline	Target	120000	U	ug/kg	116309.8242489	U	10.0	Yes	S3VEM
Acenaphthene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2,4-Dinitrophenol	Target	120000	U	ug/kg	116309.8242489	U	10.0	Yes	S3VEM
4-Nitrophenol	Target	120000	U	ug/kg	116309.8242489	U	10.0	Yes	S3VEM
Dibenzofuran	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Diethylphthalate	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Fluorene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
4-Nitroaniline	Target	120000	U	ug/kg	116309.8242489	U	10.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	120000	U	ug/kg	116309.8242489	U	10.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Hexachlorobenzene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Atrazine	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Pentachlorophenol	Target	120000	U	ug/kg	116309.8242489	U	10.0	Yes	S3VEM
Phenanthrene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Anthracene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Carbazole	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Di-n-butylphthalate	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Fluoranthene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Pyrene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Butylbenzylphthalate	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Benzo(a)anthracene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Chrysene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Bis(2-	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Di-n-octylphthalate	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Benzo(a)pyrene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	58000	U	ug/kg	58154.91212444	U	10.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				23696.96359247	JNB	10.0	Yes	
9-Octadecenamide, (Z)-	TIC	33000	JNB	ug/kg	33372.77787173	JNB	10.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS6	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS012	pH:		Sample Date:	07/23/2014	Sample Time:	10:45:00	
% Moisture :	18.139			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Chloromethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Bromomethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Chloroethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10.33488094041	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.2	U	ug/kg	0.3575534377367	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10.33488094041	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Chloroform	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Benzene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	103.3488094041	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10.33488094041	U	1.0	Yes	S3VEM
Toluene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10.33488094041	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
o-Xylene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Styrene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Bromoform	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.2	U	ug/kg	5.167440470207	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS6	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS012	pH:	7.7	Sample Date:	07/23/2014	Sample Time:	10:45:00
% Moisture :	18.139			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
beta-BHC	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
delta-BHC	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
Heptachlor	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
Aldrin	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
Endosulfan I	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
Dieldrin	Target	40	U	ug/kg	0.9587594613618	JBP	10.0	Yes	S3VEM
4,4'-DDE	Target	40	U	ug/kg	1.900657652459	JP	10.0	Yes	S3VEM
Endrin	Target	40	U	ug/kg	39.95266263249	U	10.0	Yes	S3VEM
Endosulfan II	Target	40	U	ug/kg	0.3305207448439	JP	10.0	Yes	S3VEM
4,4'-DDD	Target	40	U	ug/kg	39.95266263249	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	40	U	ug/kg	39.95266263249	U	10.0	Yes	S3VEM
4,4'-DDT	Target	40	U	ug/kg	2.726102147472	JBP	10.0	Yes	S3VEM
Methoxychlor	Target	210	U	ug/kg	4.911761632431	JP	10.0	Yes	S3VEM
Endrin ketone	Target	40	U	ug/kg	39.95266263249	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	40	U	ug/kg	0.3662111413471	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	21	U	ug/kg	20.58167468946	U	10.0	Yes	S3VEM
Toxaphene	Target	2100	U	ug/kg	2058.167468946	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS6	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS012	pH:	7.7	Sample Date:	07/23/2014	Sample Time:	10:45:00	
% Moisture :	18.139			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Phenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2-Chlorophenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2-Methylphenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Acetophenone	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
4-Methylphenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Hexachloroethane	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Nitrobenzene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Isophorone	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2-Nitrophenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2,4-Dimethylphenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2,4-Dichlorophenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Naphthalene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
4-Chloroaniline	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Hexachlorobutadiene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Caprolactam	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2-Methylnaphthalene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
1,1'-Biphenyl	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2-Chloronaphthalene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	110000	U	ug/kg	113109.5302923	U	10.0	Yes	S3VEM
Dimethylphthalate	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Acenaphthylene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
3-Nitroaniline	Target	110000	U	ug/kg	113109.5302923	U	10.0	Yes	S3VEM
Acenaphthene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2,4-Dinitrophenol	Target	110000	U	ug/kg	113109.5302923	U	10.0	Yes	S3VEM
4-Nitrophenol	Target	110000	U	ug/kg	113109.5302923	U	10.0	Yes	S3VEM
Dibenzofuran	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Diethylphthalate	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Fluorene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
4-Nitroaniline	Target	110000	U	ug/kg	113109.5302923	U	10.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	110000	U	ug/kg	113109.5302923	U	10.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Hexachlorobenzene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Atrazine	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Pentachlorophenol	Target	110000	U	ug/kg	113109.5302923	U	10.0	Yes	S3VEM
Phenanthrene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Anthracene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Carbazole	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Di-n-butylphthalate	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Fluoranthene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Pyrene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Butylbenzylphthalate	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Benzo(a)anthracene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Chrysene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Bis(2-	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Di-n-octylphthalate	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Benzo(a)pyrene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	23000	JNB	ug/kg	22964.62793525	JNB	10.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	57000	U	ug/kg	56554.76514616	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS6	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS012	pH:	7.7	Sample Date:	07/23/2014	Sample Time:	10:45:00
% Moisture :	18.139			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	400	U	ug/kg	399.5266263249	U	10.0	Yes	S3VEM
Aroclor-1221	Target	400	U	ug/kg	399.5266263249	U	10.0	Yes	S3VEM
Aroclor-1232	Target	400	U	ug/kg	399.5266263249	U	10.0	Yes	S3VEM
Aroclor-1242	Target	400	U	ug/kg	399.5266263249	U	10.0	Yes	S3VEM
Aroclor-1248	Target	400	U	ug/kg	399.5266263249	U	10.0	Yes	S3VEM
Aroclor-1254	Target	400	U	ug/kg	399.5266263249	U	10.0	Yes	S3VEM
Aroclor-1260	Target	400	U	ug/kg	399.5266263249	U	10.0	Yes	S3VEM
Aroclor-1262	Target	400	U	ug/kg	399.5266263249	U	10.0	Yes	S3VEM
Aroclor-1268	Target	400	U	ug/kg	399.5266263249	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS7	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS013	pH:	8.2	Sample Date:	07/23/2014	Sample Time:	10:55:00
% Moisture :	7.1036			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	18.29385769695	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	18.29385769695	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	18.29385769695	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	18.29385769695	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	18.29385769695	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	18.29385769695	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	18.29385769695	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	0.161727369168 2	JP	10.0	Yes	S3VEM
Dieldrin	Target	36	U	ug/kg	6.137009063696	JBP	10.0	Yes	S3VEM
4,4'-DDE	Target	36	U	ug/kg	0.880920545756	JP	10.0	Yes	S3VEM
Endrin	Target	36	U	ug/kg	35.51160611762	U	10.0	Yes	S3VEM
Endosulfan II	Target	36	U	ug/kg	0.831058554639 7	JP	10.0	Yes	S3VEM
4,4'-DDD	Target	36	U	ug/kg	16.57023625075	JP	10.0	Yes	S3VEM
Endosulfan sulfate	Target	36	U	ug/kg	11.75570878821	JB	10.0	Yes	S3VEM
4,4'-DDT	Target	36	U	ug/kg	1.880316260301	JBP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	182.9385769695	U	10.0	Yes	S3VEM
Endrin ketone	Target	36	U	ug/kg	35.51160611762	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	37	R	ug/kg	37.3731571987	P	10.0	Yes	S3VEM
alpha-Chlordane	Target	6.3	J	ug/kg	6.327849486464	J	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	1.656510835484	JP	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1829.385769695	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS7	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS013	pH:	8.2	Sample Date:	07/23/2014	Sample Time:	10:55:00	
% Moisture :	7.1036			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Phenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2-Chlorophenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2-Methylphenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Acetophenone	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
4-Methylphenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Hexachloroethane	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Nitrobenzene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Isophorone	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2-Nitrophenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2,4-Dimethylphenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2,4-Dichlorophenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Naphthalene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
4-Chloroaniline	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Hexachlorobutadiene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Caprolactam	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2-Methylnaphthalene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
1,1'-Biphenyl	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2-Chloronaphthalene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	220000	U	ug/kg	215293.5958767	U	20.0	Yes	S3VEM
Dimethylphthalate	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Acenaphthylene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
3-Nitroaniline	Target	220000	U	ug/kg	215293.5958767	U	20.0	Yes	S3VEM
Acenaphthene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2,4-Dinitrophenol	Target	220000	U	ug/kg	215293.5958767	U	20.0	Yes	S3VEM
4-Nitrophenol	Target	220000	U	ug/kg	215293.5958767	U	20.0	Yes	S3VEM
Dibenzofuran	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Diethylphthalate	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Fluorene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
4-Nitroaniline	Target	220000	U	ug/kg	215293.5958767	U	20.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	220000	U	ug/kg	215293.5958767	U	20.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Hexachlorobenzene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Atrazine	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Pentachlorophenol	Target	220000	U	ug/kg	215293.5958767	U	20.0	Yes	S3VEM
Phenanthrene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Anthracene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Carbazole	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Di-n-butylphthalate	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Fluoranthene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Pyrene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Butylbenzylphthalate	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Benzo(a)anthracene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Chrysene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Bis(2-	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Di-n-octylphthalate	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Benzo(a)pyrene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	110000	U	ug/kg	107646.7979383	U	20.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS7	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS013	pH:	8.2	Sample Date:	07/23/2014	Sample Time:	10:55:00
% Moisture :	7.1036			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	360	U	ug/kg	355.1160611762	U	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	355.1160611762	U	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	355.1160611762	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	355.1160611762	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	355.1160611762	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	355.1160611762	U	10.0	Yes	S3VEM
Aroclor-1260	Target	360	U	ug/kg	355.1160611762	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	355.1160611762	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	355.1160611762	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS8	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS013	pH:	8.2	Sample Date:	07/23/2014	Sample Time:	11:15:00
% Moisture :	6.8222			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	350.7708289236	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	350.7708289236	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	350.7708289236	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	350.7708289236	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	350.7708289236	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	350.7708289236	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	350.7708289236	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	350.7708289236	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	350.7708289236	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BASS8	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS013	pH:	8.2	Sample Date:	07/23/2014	Sample Time:	11:15:00
% Moisture :	6.8222			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	18.0700123991	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	18.0700123991	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	18.0700123991	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	18.0700123991	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	0.422499445061 8	JP	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	18.0700123991	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	18.0700123991	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	18.0700123991	U	10.0	Yes	S3VEM
Dieldrin	Target	35	U	ug/kg	1.756385214438	JBP	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	1.084851768012	JP	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	1.462254380798	JP	10.0	Yes	S3VEM
Endosulfan II	Target	35	U	ug/kg	35.07708289236	U	10.0	Yes	S3VEM
4,4'-DDD	Target	35	U	ug/kg	35.07708289236	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	0.133314608797 3	JBP	10.0	Yes	S3VEM
4,4'-DDT	Target	35	U	ug/kg	4.52334579961	JB	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	1.875602911104	JP	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	35.07708289236	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	0.278870222947 8	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	U	ug/kg	7.688582451207	JP	10.0	Yes	S3VEM
gamma-Chlordane	Target	8.7	J	ug/kg	8.655015484236	J	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1807.00123991	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS8	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS013	pH:	8.2	Sample Date:	07/23/2014	Sample Time:	11:15:00	
% Moisture :	6.8222			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Phenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2-Chlorophenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2-Methylphenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Acetophenone	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
4-Methylphenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Hexachloroethane	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Nitrobenzene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Isophorone	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2-Nitrophenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2,4-Dimethylphenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2,4-Dichlorophenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Naphthalene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
4-Chloroaniline	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Hexachlorobutadiene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Caprolactam	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2-Methylnaphthalene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
1,1'-Biphenyl	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2-Chloronaphthalene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	100000	U	ug/kg	102211.143897	U	10.0	Yes	S3VEM
Dimethylphthalate	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Acenaphthylene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
3-Nitroaniline	Target	100000	U	ug/kg	102211.143897	U	10.0	Yes	S3VEM
Acenaphthene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2,4-Dinitrophenol	Target	100000	U	ug/kg	102211.143897	U	10.0	Yes	S3VEM
4-Nitrophenol	Target	100000	U	ug/kg	102211.143897	U	10.0	Yes	S3VEM
Dibenzofuran	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Diethylphthalate	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Fluorene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
4-Nitroaniline	Target	100000	U	ug/kg	102211.143897	U	10.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	100000	U	ug/kg	102211.143897	U	10.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Hexachlorobenzene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Atrazine	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Pentachlorophenol	Target	100000	U	ug/kg	102211.143897	U	10.0	Yes	S3VEM
Phenanthrene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Anthracene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Carbazole	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Di-n-butylphthalate	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Fluoranthene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Pyrene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Butylbenzylphthalate	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Benzo(a)anthracene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Chrysene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Bis(2-	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Di-n-octylphthalate	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Benzo(a)pyrene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	28000	JNB	ug/kg	27703.30844185	JNB	10.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	51000	U	ug/kg	51105.57194852	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BASS8	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS013	pH:		Sample Date:	07/23/2014	Sample Time:	11:15:00	
% Moisture :	6.8222			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Chloromethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Bromomethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Chloroethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Acetone	Target	20		ug/kg	20.11959409633		1.0	Yes	S3VEM
Carbon disulfide	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.2	U	ug/kg	1.938397819734	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
2-Butanone	Target	6.4	J	ug/kg	6.400378130591	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Chloroform	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Benzene	Target	0.67	J	ug/kg	0.6680611316361	J	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	83	R	ug/kg	83.1951171255	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.3	U	ug/kg	8.31951171255	U	1.0	Yes	S3VEM
Toluene	Target	4.2	U	ug/kg	0.353698327756	JB	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.3	U	ug/kg	8.31951171255	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Ethylbenzene	Target	0.34	J	ug/kg	0.344737767303	J	1.0	Yes	S3VEM
o-Xylene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Styrene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Bromoform	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	0.15	J	ug/kg	0.151126551361	J	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.2	U	ug/kg	4.159755856275	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS014	pH:	7.5	Sample Date:	07/23/2014	Sample Time:	11:33:00
% Moisture :	7.6453			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	18.30357250862	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	0.3501802695406	JP	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	1.664686534322	JP	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	18.30357250862	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	18.30357250862	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	18.30357250862	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	18.30357250862	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	18.30357250862	U	10.0	Yes	S3VEM
Dieldrin	Target	36	U	ug/kg	35.53046428143	U	10.0	Yes	S3VEM
4,4'-DDE	Target	36	U	ug/kg	35.53046428143	U	10.0	Yes	S3VEM
Endrin	Target	36	U	ug/kg	35.53046428143	U	10.0	Yes	S3VEM
Endosulfan II	Target	36	U	ug/kg	35.53046428143	U	10.0	Yes	S3VEM
4,4'-DDD	Target	36	U	ug/kg	2.342719477925	JP	10.0	Yes	S3VEM
Endosulfan sulfate	Target	36	U	ug/kg	35.53046428143	U	10.0	Yes	S3VEM
4,4'-DDT	Target	36	U	ug/kg	4.49148331768	JBP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	183.0357250862	U	10.0	Yes	S3VEM
Endrin ketone	Target	36	U	ug/kg	35.53046428143	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	36	U	ug/kg	0.08972725790704	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	18	U	ug/kg	18.30357250862	U	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	9.645120587692	JP	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1830.357250862	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS014	pH:	7.5	Sample Date:	07/23/2014	Sample Time:	11:33:00
% Moisture :	7.6453			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	360	U	ug/kg	355.3046428143	U	10.0	Yes	S3VEM
Aroclor-1221	Target	360	U	ug/kg	355.3046428143	U	10.0	Yes	S3VEM
Aroclor-1232	Target	360	U	ug/kg	355.3046428143	U	10.0	Yes	S3VEM
Aroclor-1242	Target	360	U	ug/kg	355.3046428143	U	10.0	Yes	S3VEM
Aroclor-1248	Target	360	U	ug/kg	355.3046428143	U	10.0	Yes	S3VEM
Aroclor-1254	Target	360	U	ug/kg	355.3046428143	U	10.0	Yes	S3VEM
Aroclor-1260	Target	360	U	ug/kg	355.3046428143	U	10.0	Yes	S3VEM
Aroclor-1262	Target	360	U	ug/kg	355.3046428143	U	10.0	Yes	S3VEM
Aroclor-1268	Target	360	U	ug/kg	355.3046428143	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS014	pH:		Sample Date:	07/23/2014	Sample Time:	11:33:00	
% Moisture :	7.6453			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Chloromethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Bromomethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Chloroethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Acetone	Target	200		ug/kg	204.588644792		1.0	Yes	S3VEM
Carbon disulfide	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.0	U	ug/kg	0.2282778504617	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
2-Butanone	Target	39		ug/kg	39.49168272691		1.0	Yes	S3VEM
Bromochloromethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Chloroform	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Benzene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	80	R	ug/kg	80.44442248419	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	4.3	J	ug/kg	4.339320551834	J	1.0	Yes	S3VEM
Toluene	Target	4.0	U	ug/kg	3.720144019395	JB	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
2-Hexanone	Target	1.9	J	ug/kg	1.930203448582	J	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Ethylbenzene	Target	0.78	J	ug/kg	0.7816897792125	J	1.0	Yes	S3VEM
o-Xylene	Target	4.0	U	ug/kg	1.907928204078	JB	1.0	Yes	S3VEM
m,p-Xylene	Target	4.1		ug/kg	4.0581164796	B	1.0	Yes	S3VEM
Styrene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Bromoform	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.0	U	ug/kg	4.022221124209	U	1.0	Yes	S3VEM
2-Heptanone	TIC	11	JN	ug/kg	10.55977845065	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS014	pH:	7.5	Sample Date:	07/23/2014	Sample Time:	11:33:00	
% Moisture :	7.6453			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Phenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2-Chlorophenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2-Methylphenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Acetophenone	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
4-Methylphenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Hexachloroethane	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Nitrobenzene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Isophorone	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2-Nitrophenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2,4-Dimethylphenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2,4-Dichlorophenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Naphthalene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
4-Chloroaniline	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Hexachlorobutadiene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Caprolactam	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2-Methylnaphthalene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
1,1'-Biphenyl	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2-Chloronaphthalene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	54000	U	ug/kg	54139.09633186	U	5.0	Yes	S3VEM
Dimethylphthalate	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Acenaphthylene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
3-Nitroaniline	Target	54000	U	ug/kg	54139.09633186	U	5.0	Yes	S3VEM
Acenaphthene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2,4-Dinitrophenol	Target	54000	U	ug/kg	54139.09633186	U	5.0	Yes	S3VEM
4-Nitrophenol	Target	54000	U	ug/kg	54139.09633186	U	5.0	Yes	S3VEM
Dibenzofuran	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Diethylphthalate	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Fluorene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
4-Nitroaniline	Target	54000	U	ug/kg	54139.09633186	U	5.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	54000	U	ug/kg	54139.09633186	U	5.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Hexachlorobenzene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Atrazine	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Pentachlorophenol	Target	54000	U	ug/kg	54139.09633186	U	5.0	Yes	S3VEM
Phenanthrene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Anthracene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Carbazole	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Di-n-butylphthalate	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Fluoranthene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Pyrene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Butylbenzylphthalate	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Benzo(a)anthracene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Chrysene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Bis(2-	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Di-n-octylphthalate	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Benzo(a)pyrene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	27000	U	ug/kg	27069.54816593	U	5.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	37000	JNB	ug/kg	37438.26789541	JNB	5.0	Yes	NV
Total Alkanes	TIC	12000	J	ug/kg	11786.62266241	J	5.0	Yes	NV
Tetradecanoic acid	TIC	15000	JN	ug/kg	14578.57586024	JN	5.0	Yes	NV
Dodecanoic acid	TIC	61000	JN	ug/kg	61177.72024596	JN	5.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS014	pH:	5.4	Sample Date:	07/23/2014	Sample Time:	11:45:00
% Moisture :	7.161			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	35	U	ug/kg	35.26330016275	U	1.0	Yes	S3VEM
Aroclor-1221	Target	35	U	ug/kg	35.26330016275	U	1.0	Yes	S3VEM
Aroclor-1232	Target	35	U	ug/kg	35.26330016275	U	1.0	Yes	S3VEM
Aroclor-1242	Target	35	U	ug/kg	35.26330016275	U	1.0	Yes	S3VEM
Aroclor-1248	Target	35	U	ug/kg	35.26330016275	U	1.0	Yes	S3VEM
Aroclor-1254	Target	35	U	ug/kg	35.26330016275	U	1.0	Yes	S3VEM
Aroclor-1260	Target	35	U	ug/kg	35.26330016275	U	1.0	Yes	S3VEM
Aroclor-1262	Target	35	U	ug/kg	35.26330016275	U	1.0	Yes	S3VEM
Aroclor-1268	Target	35	U	ug/kg	35.26330016275	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST2	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS014	pH:	5.4	Sample Date:	07/23/2014	Sample Time:	11:45:00
% Moisture :	7.161			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.8	U	ug/kg	1.816594250808	U	1.0	Yes	S3VEM
beta-BHC	Target	1.8	U	ug/kg	1.816594250808	U	1.0	Yes	S3VEM
delta-BHC	Target	1.8	U	ug/kg	0.086749504289 15	JP	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.8	U	ug/kg	1.816594250808	U	1.0	Yes	S3VEM
Heptachlor	Target	1.8	U	ug/kg	1.816594250808	U	1.0	Yes	S3VEM
Aldrin	Target	1.8	U	ug/kg	1.816594250808	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.8	U	ug/kg	1.816594250808	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.8	U	ug/kg	1.816594250808	U	1.0	Yes	S3VEM
Dieldrin	Target	3.5	U	ug/kg	3.526330016275	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.5	U	ug/kg	3.526330016275	U	1.0	Yes	S3VEM
Endrin	Target	3.5	U	ug/kg	3.526330016275	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.5	U	ug/kg	3.526330016275	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.5	U	ug/kg	0.482614692364 6	JP	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.5	U	ug/kg	3.526330016275	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.5	U	ug/kg	0.505124756564 3	JBP	1.0	Yes	S3VEM
Methoxychlor	Target	18	U	ug/kg	18.16594250808	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.5	U	ug/kg	3.526330016275	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.5	U	ug/kg	3.526330016275	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.8	U	ug/kg	1.816594250808	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	0.57	J	ug/kg	0.569098710016 5	J	1.0	Yes	S3VEM
Toxaphene	Target	180	U	ug/kg	181.6594250808	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS014	pH:		Sample Date:	07/23/2014	Sample Time:	11:45:00	
% Moisture :	7.161			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Chloromethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Bromomethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Chloroethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Acetone	Target	8.0	U	ug/kg	6.715638327349	J	1.0	Yes	S3VEM
Carbon disulfide	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.0	U	ug/kg	0.1930621681429	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
2-Butanone	Target	8.0	U	ug/kg	8.038309942119	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Chloroform	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Benzene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	80	R	ug/kg	80.38309942119	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.0	U	ug/kg	8.038309942119	U	1.0	Yes	S3VEM
Toluene	Target	4.0	U	ug/kg	1.845259114949	JB	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.0	U	ug/kg	8.038309942119	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Ethylbenzene	Target	0.79	J	ug/kg	0.7871958886697	J	1.0	Yes	S3VEM
o-Xylene	Target	4.0	U	ug/kg	1.705873978342	JB	1.0	Yes	S3VEM
m,p-Xylene	Target	4.0	U	ug/kg	3.74337580884	JB	1.0	Yes	S3VEM
Styrene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Bromoform	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.0	U	ug/kg	4.01915497106	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS014	pH:	5.4	Sample Date:	07/23/2014	Sample Time:	11:45:00	
% Moisture :	7.161			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Phenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Acetophenone	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Isophorone	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Naphthalene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Caprolactam	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	11000	U	ug/kg	10560.13266906	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	11000	U	ug/kg	10560.13266906	U	1.0	Yes	S3VEM
Acenaphthene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	11000	U	ug/kg	10560.13266906	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	11000	U	ug/kg	10560.13266906	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Fluorene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	11000	U	ug/kg	10560.13266906	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	11000	U	ug/kg	10560.13266906	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Atrazine	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	11000	U	ug/kg	10560.13266906	U	1.0	Yes	S3VEM
Phenanthrene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Anthracene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Carbazole	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Fluoranthene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Pyrene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Chrysene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Bis(2-	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	48000	JNB	ug/kg	47607.71810528	JNB	1.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	5300	U	ug/kg	5280.066334529	U	1.0	Yes	S3VEM
Hexadecanamide	TIC	3200	JN	ug/kg	3241.960729401	JN	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC				19545.43275318	JNB	1.0	Yes	

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST3	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS015	pH:		Sample Date:	07/23/2014	Sample Time:	11:55:00	
% Moisture :	3.8429			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Chloromethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Bromomethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Chloroethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Acetone	Target	46		ug/kg	45.87564692889		1.0	Yes	S3VEM
Carbon disulfide	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.8	U	ug/kg	0.1694493404293	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
2-Butanone	Target	9.5	U	ug/kg	9.523487249001	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Chloroform	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Benzene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	95	R	ug/kg	95.23487249001	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.5	U	ug/kg	9.523487249001	U	1.0	Yes	S3VEM
Toluene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
2-Hexanone	Target	9.5	U	ug/kg	9.523487249001	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
o-Xylene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Styrene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Bromoform	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.8	U	ug/kg	4.7617436245	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST3	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS015	pH:	5.8	Sample Date:	07/23/2014	Sample Time:	11:55:00	
% Moisture :	3.8429			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Phenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Acetophenone	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Isophorone	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Naphthalene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Caprolactam	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	10000	U	ug/kg	9999.661611451	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	10000	U	ug/kg	9999.661611451	U	1.0	Yes	S3VEM
Acenaphthene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	10000	U	ug/kg	9999.661611451	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	10000	U	ug/kg	9999.661611451	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Fluorene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	10000	U	ug/kg	9999.661611451	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	10000	U	ug/kg	9999.661611451	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Atrazine	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	10000	U	ug/kg	9999.661611451	U	1.0	Yes	S3VEM
Phenanthrene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Anthracene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Carbazole	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Fluoranthene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Pyrene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Chrysene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Bis(2-	Target	5000	U	ug/kg	2304.670571522	J	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5000	U	ug/kg	2304.670571522	J	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				22711.43144516	JNB	1.0	Yes	
2,3,4,6-Tetrachlorophenol	Target	5000	U	ug/kg	4999.830805726	U	1.0	Yes	S3VEM
Hexadecanamide	TIC	4300	JN	ug/kg	4299.45450646	JN	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	58000	JNB	ug/kg	57911.44027686	JNB	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST3	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS015	pH:	5.8	Sample Date:	07/23/2014	Sample Time:	11:55:00
% Moisture :	3.8429			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	U	ug/kg	1.742957778085	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	U	ug/kg	0.516896570234 1	JP	1.0	Yes	S3VEM
delta-BHC	Target	1.7	U	ug/kg	0.170683147084	JP	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.7	U	ug/kg	1.742957778085	U	1.0	Yes	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.742957778085	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.742957778085	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.7	U	ug/kg	0.403175152480 9	JP	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.742957778085	U	1.0	Yes	S3VEM
Dieldrin	Target	3.4	U	ug/kg	3.383388628048	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.4	U	ug/kg	2.306809103476	JP	1.0	Yes	S3VEM
Endrin	Target	3.4	U	ug/kg	0.239907523310 4	JP	1.0	Yes	S3VEM
Endosulfan II	Target	3.4	U	ug/kg	0.046656944978 47	JP	1.0	Yes	S3VEM
4,4'-DDD	Target	3.4	U	ug/kg	0.516290943997 4	JP	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.4	U	ug/kg	1.569822969746	JBP	1.0	Yes	S3VEM
4,4'-DDT	Target	4.9		ug/kg	4.893801130051	B	1.0	Yes	S3VEM
Methoxychlor	Target	17	U	ug/kg	1.734725371633	J	1.0	Yes	S3VEM
Endrin ketone	Target	3.4	U	ug/kg	3.383388628048	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.4	U	ug/kg	3.383388628048	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	U	ug/kg	1.742957778085	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.7	U	ug/kg	0.372209205911 8	JP	1.0	Yes	S3VEM
Toxaphene	Target	170	U	ug/kg	174.2957778085	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST3	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS015	pH:	5.8	Sample Date:	07/23/2014	Sample Time:	11:55:00
% Moisture :	3.8429			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	34	U	ug/kg	33.83388628048	U	1.0	Yes	S3VEM
Aroclor-1221	Target	34	U	ug/kg	33.83388628048	U	1.0	Yes	S3VEM
Aroclor-1232	Target	34	U	ug/kg	33.83388628048	U	1.0	Yes	S3VEM
Aroclor-1242	Target	34	U	ug/kg	33.83388628048	U	1.0	Yes	S3VEM
Aroclor-1248	Target	34	U	ug/kg	33.83388628048	U	1.0	Yes	S3VEM
Aroclor-1254	Target	34	U	ug/kg	33.83388628048	U	1.0	Yes	S3VEM
Aroclor-1260	Target	34	U	ug/kg	33.83388628048	U	1.0	Yes	S3VEM
Aroclor-1262	Target	34	U	ug/kg	33.83388628048	U	1.0	Yes	S3VEM
Aroclor-1268	Target	34	U	ug/kg	33.83388628048	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST4	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS015	pH:	6.0	Sample Date:	07/23/2014	Sample Time:	12:00:00	
% Moisture :	4.8276			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Phenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Acetophenone	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Isophorone	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Naphthalene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Caprolactam	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	10000	U	ug/kg	10403.21574218	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	10000	U	ug/kg	10403.21574218	U	1.0	Yes	S3VEM
Acenaphthene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	10000	U	ug/kg	10403.21574218	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	10000	U	ug/kg	10403.21574218	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Fluorene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	10000	U	ug/kg	10403.21574218	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	10000	U	ug/kg	10403.21574218	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Atrazine	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	10000	U	ug/kg	10403.21574218	U	1.0	Yes	S3VEM
Phenanthrene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Anthracene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Carbazole	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Fluoranthene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Pyrene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Chrysene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Bis(2-	Target	5200	U	ug/kg	685.3480048498	J	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5200	U	ug/kg	685.3480048498	J	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
Octadecanamide	TIC	2500	JN	ug/kg	2451.829886117	JN	1.0	Yes	NV
2,3,4,6-Tetrachlorophenol	Target	5200	U	ug/kg	5201.60787109	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC	45000	JNB	ug/kg	45479.01003498	JNB	1.0	Yes	NV
9-Octadecenamide, (Z)-	TIC				21498.66145984	JNB	1.0	Yes	
Hexadecanamide	TIC	3300	JN	ug/kg	3310.615345634	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST4	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS015	pH:		Sample Date:	07/23/2014	Sample Time:	12:00:00	
% Moisture :	4.8276			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Acetone	Target	22		ug/kg	21.99026598441		1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	0.22483334835	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	9.96892590095	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	99.6892590095	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	9.96892590095	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	9.96892590095	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
o-Xylene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	4.984462950475	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST4	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS015	pH:	6.0	Sample Date:	07/23/2014	Sample Time:	12:00:00
% Moisture :	4.8276			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.8	U	ug/kg	1.772641888454	U	1.0	Yes	S3VEM
beta-BHC	Target	1.8	U	ug/kg	0.852921064098 6	JP	1.0	Yes	S3VEM
delta-BHC	Target	1.8	U	ug/kg	0.457108079549 4	JP	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.8	U	ug/kg	1.772641888454	U	1.0	Yes	S3VEM
Heptachlor	Target	1.8	U	ug/kg	1.772641888454	U	1.0	Yes	S3VEM
Aldrin	Target	1.8	U	ug/kg	1.772641888454	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	0.39	J	ug/kg	0.385290190077 6	JP	1.0	Yes	S3VEM
Endosulfan I	Target	1.8	U	ug/kg	1.772641888454	U	1.0	Yes	S3VEM
Dieldrin	Target	3.4	U	ug/kg	0.225697942270 4	JB	1.0	Yes	S3VEM
4,4'-DDE	Target	3.4	U	ug/kg	0.626093688028 8	JP	1.0	Yes	S3VEM
Endrin	Target	3.4	U	ug/kg	3.441010724646	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.4	U	ug/kg	3.441010724646	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.4	U	ug/kg	3.441010724646	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.4	U	ug/kg	0.419018123057 9	JBP	1.0	Yes	S3VEM
4,4'-DDT	Target	3.4	U	ug/kg	1.207098073402	JBP	1.0	Yes	S3VEM
Methoxychlor	Target	18	U	ug/kg	17.72641888454	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.4	U	ug/kg	3.441010724646	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.4	U	ug/kg	3.441010724646	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.8	U	ug/kg	1.772641888454	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.8	U	ug/kg	1.772641888454	U	1.0	Yes	S3VEM
Toxaphene	Target	180	U	ug/kg	177.2641888454	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST4	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS015	pH:	6.0	Sample Date:	07/23/2014	Sample Time:	12:00:00
% Moisture :	4.8276			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	34	U	ug/kg	34.41010724646	U	1.0	Yes	S3VEM
Aroclor-1221	Target	34	U	ug/kg	34.41010724646	U	1.0	Yes	S3VEM
Aroclor-1232	Target	34	U	ug/kg	34.41010724646	U	1.0	Yes	S3VEM
Aroclor-1242	Target	34	U	ug/kg	34.41010724646	U	1.0	Yes	S3VEM
Aroclor-1248	Target	34	U	ug/kg	34.41010724646	U	1.0	Yes	S3VEM
Aroclor-1254	Target	34	U	ug/kg	34.41010724646	U	1.0	Yes	S3VEM
Aroclor-1260	Target	34	U	ug/kg	34.41010724646	U	1.0	Yes	S3VEM
Aroclor-1262	Target	34	U	ug/kg	34.41010724646	U	1.0	Yes	S3VEM
Aroclor-1268	Target	34	U	ug/kg	34.41010724646	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST5	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS016	pH:		Sample Date:	07/23/2014	Sample Time:	12:10:00	
% Moisture :	3.9462			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Chloromethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Bromomethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Chloroethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Acetone	Target	70		ug/kg	70.29096545544		1.0	Yes	S3VEM
Carbon disulfide	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.5	U	ug/kg	5.243610214847		1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
2-Butanone	Target	6.3	J	ug/kg	6.319409118362	J	1.0	Yes	S3VEM
Bromochloromethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Chloroform	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Cyclohexane	Target	0.36	J	ug/kg	0.3636041170742	J	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Benzene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	90	R	ug/kg	89.9035601274	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.0	U	ug/kg	8.99035601274	U	1.0	Yes	S3VEM
Toluene	Target	4.5	U	ug/kg	0.467433431812	JB	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	0.74	J	ug/kg	0.740029580783	J	1.0	Yes	S3VEM
2-Hexanone	Target	9.0	U	ug/kg	8.99035601274	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
o-Xylene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Styrene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Bromoform	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.5	U	ug/kg	4.49517800637	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST5	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS016	pH:	6.3	Sample Date:	07/23/2014	Sample Time:	12:10:00
% Moisture :	3.9462			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.8	U	ug/kg	0.074098375492 24	JP	1.0	Yes	S3VEM
beta-BHC	Target	1.8	U	ug/kg	1.766308866934	U	1.0	Yes	S3VEM
delta-BHC	Target	1.8	U	ug/kg	1.766308866934	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.8	U	ug/kg	1.766308866934	U	1.0	Yes	S3VEM
Heptachlor	Target	1.8	U	ug/kg	1.766308866934	U	1.0	Yes	S3VEM
Aldrin	Target	1.8	U	ug/kg	0.842628487634 2	JP	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.8	U	ug/kg	0.360237669487 2	JP	1.0	Yes	S3VEM
Endosulfan I	Target	1.8	U	ug/kg	1.766308866934	U	1.0	Yes	S3VEM
Dieldrin	Target	3.4	U	ug/kg	3.428717212284	U	1.0	Yes	S3VEM
4,4'-DDE	Target	0.70	J	ug/kg	0.69977308748	JP	1.0	Yes	S3VEM
Endrin	Target	3.4	U	ug/kg	1.787716004611	JP	1.0	Yes	S3VEM
Endosulfan II	Target	3.4	U	ug/kg	3.428717212284	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.4	U	ug/kg	3.428717212284	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.4	U	ug/kg	0.708439987345 5	JPB	1.0	Yes	S3VEM
4,4'-DDT	Target	3.4	U	ug/kg	1.359809002105	JPB	1.0	Yes	S3VEM
Methoxychlor	Target	18	U	ug/kg	4.466742330822	JP	1.0	Yes	S3VEM
Endrin ketone	Target	3.4	U	ug/kg	0.615594895786 9	JP	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.4	U	ug/kg	0.251264085788 1	JP	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.8	U	ug/kg	1.766308866934	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.8	U	ug/kg	1.766308866934	U	1.0	Yes	S3VEM
Toxaphene	Target	180	U	ug/kg	176.6308866934	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST5	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS016	pH:	6.3	Sample Date:	07/23/2014	Sample Time:	12:10:00
% Moisture :	3.9462			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	34	U	ug/kg	34.28717212284	U	1.0	Yes	S3VEM
Aroclor-1221	Target	34	U	ug/kg	34.28717212284	U	1.0	Yes	S3VEM
Aroclor-1232	Target	34	U	ug/kg	34.28717212284	U	1.0	Yes	S3VEM
Aroclor-1242	Target	34	U	ug/kg	34.28717212284	U	1.0	Yes	S3VEM
Aroclor-1248	Target	34	U	ug/kg	34.28717212284	U	1.0	Yes	S3VEM
Aroclor-1254	Target	34	U	ug/kg	34.28717212284	U	1.0	Yes	S3VEM
Aroclor-1260	Target	34	U	ug/kg	34.28717212284	U	1.0	Yes	S3VEM
Aroclor-1262	Target	34	U	ug/kg	34.28717212284	U	1.0	Yes	S3VEM
Aroclor-1268	Target	34	U	ug/kg	34.28717212284	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST5	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS016	pH:	6.3	Sample Date:	07/23/2014	Sample Time:	12:10:00	
% Moisture :	3.9462			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Phenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2-Chlorophenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2-Methylphenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Acetophenone	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
4-Methylphenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Hexachloroethane	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Nitrobenzene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Isophorone	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2-Nitrophenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2,4-Dimethylphenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2,4-Dichlorophenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Naphthalene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
4-Chloroaniline	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Hexachlorobutadiene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Caprolactam	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2-Methylnaphthalene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
1,1'-Biphenyl	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2-Chloronaphthalene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	52000	U	ug/kg	52054.16131376	U	5.0	Yes	S3VEM
Dimethylphthalate	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Acenaphthylene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
3-Nitroaniline	Target	52000	U	ug/kg	52054.16131376	U	5.0	Yes	S3VEM
Acenaphthene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2,4-Dinitrophenol	Target	52000	U	ug/kg	52054.16131376	U	5.0	Yes	S3VEM
4-Nitrophenol	Target	52000	U	ug/kg	52054.16131376	U	5.0	Yes	S3VEM
Dibenzofuran	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Diethylphthalate	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Fluorene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
4-Nitroaniline	Target	52000	U	ug/kg	52054.16131376	U	5.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	52000	U	ug/kg	52054.16131376	U	5.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Hexachlorobenzene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Atrazine	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Pentachlorophenol	Target	52000	U	ug/kg	52054.16131376	U	5.0	Yes	S3VEM
Phenanthrene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Anthracene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Carbazole	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Di-n-butylphthalate	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Fluoranthene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Pyrene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Butylbenzylphthalate	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Benzo(a)anthracene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Chrysene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Bis(2-	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Di-n-octylphthalate	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Benzo(a)pyrene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	26000	U	ug/kg	26027.08065688	U	5.0	Yes	S3VEM
13-Docosenamide, (Z)-	TIC	11000	JN	ug/kg	11358.21799866	JN	5.0	Yes	NV
9-Octadecenamide, (Z)-	TIC	29000	JNB	ug/kg	29167.50820894	JNB	5.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST6	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS016	pH:		Sample Date:	07/23/2014	Sample Time:	12:15:00	
% Moisture :	2.8933			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Chloromethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Bromomethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Chloroethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Acetone	Target	9.3	U	ug/kg	3.740663234273	J	1.0	Yes	S3VEM
Carbon disulfide	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.7	U	ug/kg	0.1830466546816	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
2-Butanone	Target	9.3	U	ug/kg	9.344782763022	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Chloroform	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Benzene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	93	R	ug/kg	93.44782763022	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	9.3	U	ug/kg	9.344782763022	U	1.0	Yes	S3VEM
Toluene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	0.54	J	ug/kg	0.5378654014942	J	1.0	Yes	S3VEM
2-Hexanone	Target	9.3	U	ug/kg	9.344782763022	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
o-Xylene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Styrene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Bromoform	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.7	U	ug/kg	4.672391381511	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST6	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS016	pH:	5.8	Sample Date:	07/23/2014	Sample Time:	12:15:00
% Moisture :	2.8933			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	34	U	ug/kg	33.91540618364	U	1.0	Yes	S3VEM
Aroclor-1221	Target	34	U	ug/kg	33.91540618364	U	1.0	Yes	S3VEM
Aroclor-1232	Target	34	U	ug/kg	33.91540618364	U	1.0	Yes	S3VEM
Aroclor-1242	Target	34	U	ug/kg	33.91540618364	U	1.0	Yes	S3VEM
Aroclor-1248	Target	34	U	ug/kg	33.91540618364	U	1.0	Yes	S3VEM
Aroclor-1254	Target	34	U	ug/kg	33.91540618364	U	1.0	Yes	S3VEM
Aroclor-1260	Target	34	U	ug/kg	33.91540618364	U	1.0	Yes	S3VEM
Aroclor-1262	Target	34	U	ug/kg	33.91540618364	U	1.0	Yes	S3VEM
Aroclor-1268	Target	34	U	ug/kg	33.91540618364	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST6	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS016	pH:	5.8	Sample Date:	07/23/2014	Sample Time:	12:15:00
% Moisture :	2.8933			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	U	ug/kg	1.747157288248	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.747157288248	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.747157288248	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.7	U	ug/kg	1.747157288248	U	1.0	Yes	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.747157288248	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	U	ug/kg	0.015698712530 31	JP	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.7	U	ug/kg	1.747157288248	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.747157288248	U	1.0	Yes	S3VEM
Dieldrin	Target	3.4	U	ug/kg	3.391540618364	U	1.0	Yes	S3VEM
4,4'-DDE	Target	3.4	U	ug/kg	3.391540618364	U	1.0	Yes	S3VEM
Endrin	Target	0.18	J	ug/kg	0.179955181183 4	JP	1.0	Yes	S3VEM
Endosulfan II	Target	3.4	U	ug/kg	3.391540618364	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.4	U	ug/kg	3.391540618364	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	3.4	U	ug/kg	3.391540618364	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.4	U	ug/kg	3.391540618364	U	1.0	Yes	S3VEM
Methoxychlor	Target	17	U	ug/kg	0.831745642797 5	JP	1.0	Yes	S3VEM
Endrin ketone	Target	3.4	U	ug/kg	0.063802652343 82	JP	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.4	U	ug/kg	0.021094945957 68	JP	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	U	ug/kg	1.747157288248	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.7	U	ug/kg	1.747157288248	U	1.0	Yes	S3VEM
Toxaphene	Target	170	U	ug/kg	174.7157288248	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST6	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS016	pH:	5.8	Sample Date:	07/23/2014	Sample Time:	12:15:00	
% Moisture :	2.8933			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Phenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Acetophenone	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Isophorone	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Naphthalene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Caprolactam	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	10000	U	ug/kg	10096.03000476	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	10000	U	ug/kg	10096.03000476	U	1.0	Yes	S3VEM
Acenaphthene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	10000	U	ug/kg	10096.03000476	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	10000	U	ug/kg	10096.03000476	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Fluorene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	10000	U	ug/kg	10096.03000476	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	10000	U	ug/kg	10096.03000476	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Atrazine	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	10000	U	ug/kg	10096.03000476	U	1.0	Yes	S3VEM
Phenanthrene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Anthracene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Carbazole	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Fluoranthene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Pyrene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Chrysene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Bis(2-	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5000	U	ug/kg	5048.015002378	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				16896.81677626	JNB	1.0	Yes	
9-Octadecenamide, (Z)-	TIC	45000	JNB	ug/kg	44747.11938558	JNB	1.0	Yes	NV
Hexadecanamide	TIC	3200	JN	ug/kg	3154.201694086	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST7	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS017	pH:	7.4	Sample Date:	07/23/2014	Sample Time:	13:00:00
% Moisture :	4.7349			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	18	U	ug/kg	17.79156537113	U	10.0	Yes	S3VEM
beta-BHC	Target	18	U	ug/kg	17.79156537113	U	10.0	Yes	S3VEM
delta-BHC	Target	18	U	ug/kg	17.79156537113	U	10.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	18	U	ug/kg	17.79156537113	U	10.0	Yes	S3VEM
Heptachlor	Target	18	U	ug/kg	17.79156537113	U	10.0	Yes	S3VEM
Aldrin	Target	18	U	ug/kg	17.79156537113	U	10.0	Yes	S3VEM
Heptachlor epoxide	Target	18	U	ug/kg	17.79156537113	U	10.0	Yes	S3VEM
Endosulfan I	Target	18	U	ug/kg	17.79156537113	U	10.0	Yes	S3VEM
Diieldrin	Target	35	U	ug/kg	34.53656807337	U	10.0	Yes	S3VEM
4,4'-DDE	Target	35	U	ug/kg	0.526649853667 4	JP	10.0	Yes	S3VEM
Endrin	Target	35	U	ug/kg	34.53656807337	U	10.0	Yes	S3VEM
Endosulfan II	Target	35	U	ug/kg	34.53656807337	U	10.0	Yes	S3VEM
4,4'-DDD	Target	35	U	ug/kg	34.53656807337	U	10.0	Yes	S3VEM
Endosulfan sulfate	Target	35	U	ug/kg	34.53656807337	U	10.0	Yes	S3VEM
4,4'-DDT	Target	35	U	ug/kg	2.352468658137	JBP	10.0	Yes	S3VEM
Methoxychlor	Target	180	U	ug/kg	177.9156537113	U	10.0	Yes	S3VEM
Endrin ketone	Target	35	U	ug/kg	34.53656807337	U	10.0	Yes	S3VEM
Endrin aldehyde	Target	35	U	ug/kg	4.221963903196	JP	10.0	Yes	S3VEM
alpha-Chlordane	Target	3.8	J	ug/kg	3.784884201551	J	10.0	Yes	S3VEM
gamma-Chlordane	Target	18	U	ug/kg	17.79156537113	U	10.0	Yes	S3VEM
Toxaphene	Target	1800	U	ug/kg	1779.156537113	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	BAST7	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	P001-GS017	pH:	7.4	Sample Date:	07/23/2014	Sample Time:	13:00:00
% Moisture :	4.7349			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	350	U	ug/kg	345.3656807337	U	10.0	Yes	S3VEM
Aroclor-1221	Target	350	U	ug/kg	345.3656807337	U	10.0	Yes	S3VEM
Aroclor-1232	Target	350	U	ug/kg	345.3656807337	U	10.0	Yes	S3VEM
Aroclor-1242	Target	350	U	ug/kg	345.3656807337	U	10.0	Yes	S3VEM
Aroclor-1248	Target	350	U	ug/kg	345.3656807337	U	10.0	Yes	S3VEM
Aroclor-1254	Target	350	U	ug/kg	345.3656807337	U	10.0	Yes	S3VEM
Aroclor-1260	Target	350	U	ug/kg	345.3656807337	U	10.0	Yes	S3VEM
Aroclor-1262	Target	350	U	ug/kg	345.3656807337	U	10.0	Yes	S3VEM
Aroclor-1268	Target	350	U	ug/kg	345.3656807337	U	10.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST7	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS017	pH:	7.4	Sample Date:	07/23/2014	Sample Time:	13:00:00	
% Moisture :	4.7349			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Phenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2-Chlorophenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2-Methylphenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Acetophenone	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
4-Methylphenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Hexachloroethane	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Nitrobenzene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Isophorone	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2-Nitrophenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2,4-Dimethylphenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2,4-Dichlorophenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Naphthalene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
4-Chloroaniline	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Hexachlorobutadiene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Caprolactam	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2-Methylnaphthalene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
1,1'-Biphenyl	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2-Chloronaphthalene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	210000	U	ug/kg	209940.4713793	U	20.0	Yes	S3VEM
Dimethylphthalate	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Acenaphthylene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
3-Nitroaniline	Target	210000	U	ug/kg	209940.4713793	U	20.0	Yes	S3VEM
Acenaphthene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2,4-Dinitrophenol	Target	210000	U	ug/kg	209940.4713793	U	20.0	Yes	S3VEM
4-Nitrophenol	Target	210000	U	ug/kg	209940.4713793	U	20.0	Yes	S3VEM
Dibenzofuran	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Diethylphthalate	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Fluorene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
4-Nitroaniline	Target	210000	U	ug/kg	209940.4713793	U	20.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	210000	U	ug/kg	209940.4713793	U	20.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Hexachlorobenzene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Atrazine	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Pentachlorophenol	Target	210000	U	ug/kg	209940.4713793	U	20.0	Yes	S3VEM
Phenanthrene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Anthracene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Carbazole	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Di-n-butylphthalate	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Fluoranthene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Pyrene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Butylbenzylphthalate	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Benzo(a)anthracene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Chrysene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Bis(2-	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Di-n-octylphthalate	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Benzo(a)pyrene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	100000	U	ug/kg	104970.2356897	U	20.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	BAST7	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	P001-GS017	pH:		Sample Date:	07/23/2014	Sample Time:	13:00:00	
% Moisture :	4.7349			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Chloromethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Vinyl chloride	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Bromomethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Chloroethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Acetone	Target	8.8	U	ug/kg	8.821028209216	U	1.0	Yes	S3VEM
Carbon disulfide	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Methyl acetate	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Methylene chloride	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
2-Butanone	Target	8.8	U	ug/kg	8.821028209216	U	1.0	Yes	S3VEM
Bromochloromethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Chloroform	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Cyclohexane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Benzene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	88	R	ug/kg	88.21028209216	U	1.0	Yes	S3VEM
Trichloroethene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	8.8	U	ug/kg	8.821028209216	U	1.0	Yes	S3VEM
Toluene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
2-Hexanone	Target	8.8	U	ug/kg	8.821028209216	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Chlorobenzene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Ethylbenzene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
o-Xylene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
m,p-Xylene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Styrene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Bromoform	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	4.4	U	ug/kg	4.410514104608	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	PBLKS1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	401678	pH:		Sample Date:	08/05/2014	Sample Time:	07:30:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
gamma-BHC (Lindane)	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor epoxide	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Dieldrin	Target	3.3	U	ug/kg	0.081082510614 73	JP	1.0	Yes	S3VEM
4,4'-DDE	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endosulfan sulfate	Target	0.082	J	ug/kg	0.082024947624 43	JP	1.0	Yes	S3VEM
4,4'-DDT	Target	3.3	U	ug/kg	0.056990676744 77	JP	1.0	Yes	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
gamma-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc
Sample Number:	PLCSS1	Method:	Pest	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	401679	pH:		Sample Date:	08/05/2014	Sample Time:	08:02:00
% Moisture :	0.0			% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
gamma-BHC (Lindane)	Spike	1.3	J	ug/kg	1.347396056659	J	1.0	Yes	S3VEM
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Dieldrin	Spike	3.3	U	ug/kg	2.933035715605	JB	1.0	Yes	S3VEM
Endrin	Spike	3.7		ug/kg	3.707966191223		1.0	Yes	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Heptachlor epoxide	Spike	1.6	J	ug/kg	1.577604168908	J	1.0	Yes	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
4,4'-DDE	Spike	3.4		ug/kg	3.39259304434		1.0	Yes	S3VEM
Endosulfan sulfate	Spike	3.3	U	ug/kg	2.486585033031	JB	1.0	Yes	S3VEM
gamma-Chlordane	Spike	1.4	J	ug/kg	1.408837504127	J	1.0	Yes	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
4,4'-DDT	Target	3.3	U	ug/kg	0.016968545165 42	JBP	1.0	Yes	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	Yes	S3VEM
Endrin aldehyde	Target	3.3	U	ug/kg	0.022840489582 81	JP	1.0	Yes	S3VEM
alpha-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	Yes	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	SBLK67	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	401767	pH:		Sample Date:	07/30/2014	Sample Time:	10:12:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzaldehyde	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Phenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Bis(2-chloroethyl)ether	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Methylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,2'-Oxybis(1-chloropropane)	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Acetophenone	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Methylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachloroethane	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Nitrobenzene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Isophorone	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Bis(2-chloroethoxy)methane	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Naphthalene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Caprolactam	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
1,1'-Biphenyl	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
2-Nitroaniline	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Acenaphthylene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Acenaphthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Dibenzofuran	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Diethylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Fluorene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Atrazine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	10000	U	ug/kg	10000	U	1.0	Yes	S3VEM
Phenanthrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Anthracene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Carbazole	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Fluoranthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Pyrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
3,3'-Dichlorobenzidine	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Chrysene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Bis(2-	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
ethylhexyl)phthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Di-n-octylphthalate	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
Benzo(g,h,i)perylene	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5000	U	ug/kg	5000	U	1.0	Yes	S3VEM
9-Octadecenamide, (Z)-	TIC				8791.9	JN	1.0	Yes	
9-Octadecenamide, (Z)-	TIC	34000	JN	ug/kg	34259.6	JN	1.0	Yes	NV

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	VBLKS1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	402736	pH:		Sample Date:	07/30/2014	Sample Time:	17:20:00	
% Moisture :	0.0			% Solids :				

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
o-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	0.31	J	ug/kg	0.30523340956	J	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	0.36	J	ug/kg	0.3612040633119	J	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	0.35	J	ug/kg	0.3506605873348	J	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	0.50	J	ug/kg	0.5005220843637	J	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	0.80	J	ug/kg	0.7972555846938	J	1.0	Yes	S3VEM

Case No:	44546	Contract:	EPW11037	SDG No:	BASR8	Lab Code:	DATAc	
Sample Number:	VBLKS2	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	402737	pH:		Sample Date:	07/31/2014	Sample Time:	17:20:00	
% Moisture :	0.0			% Solids :				

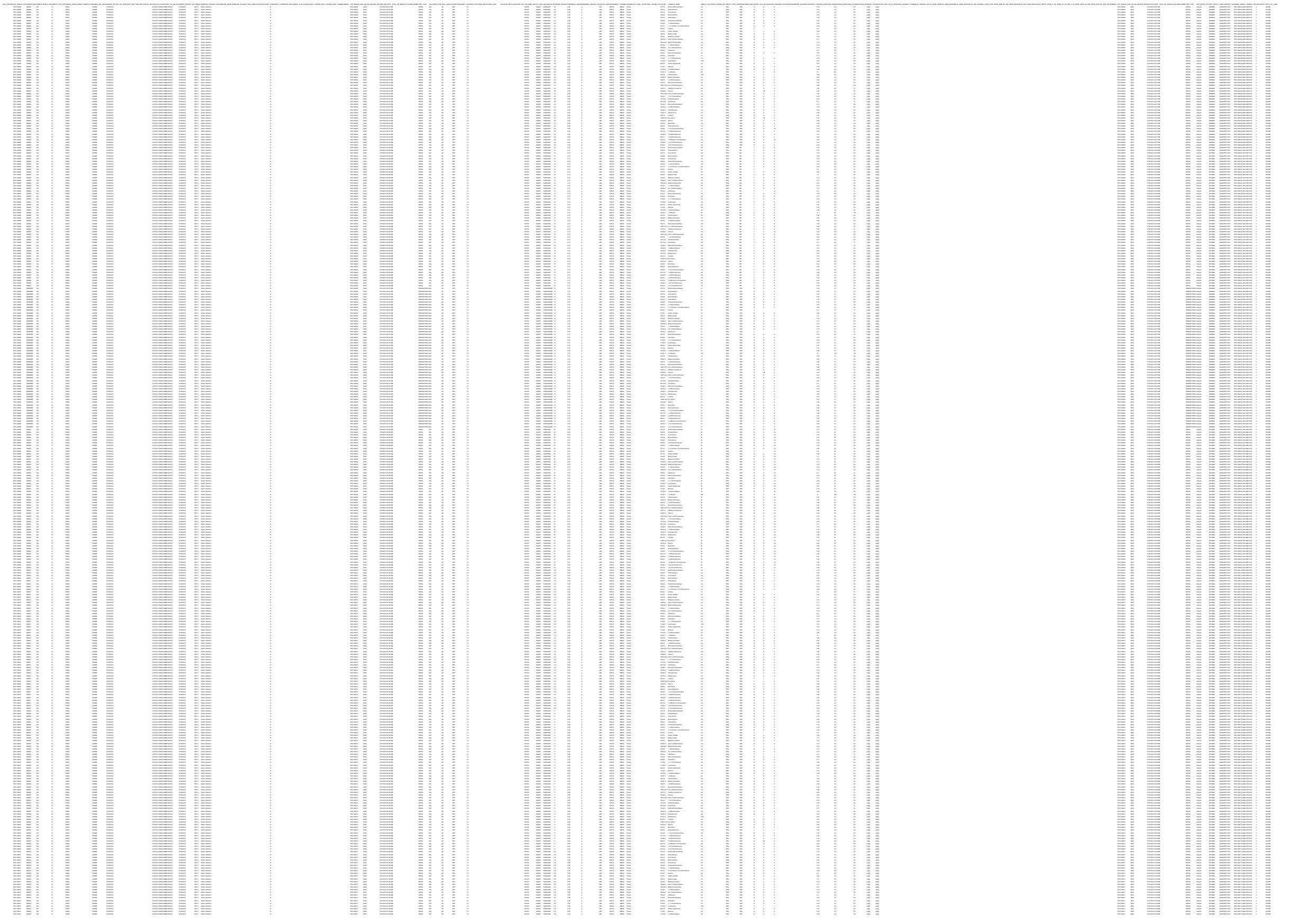
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

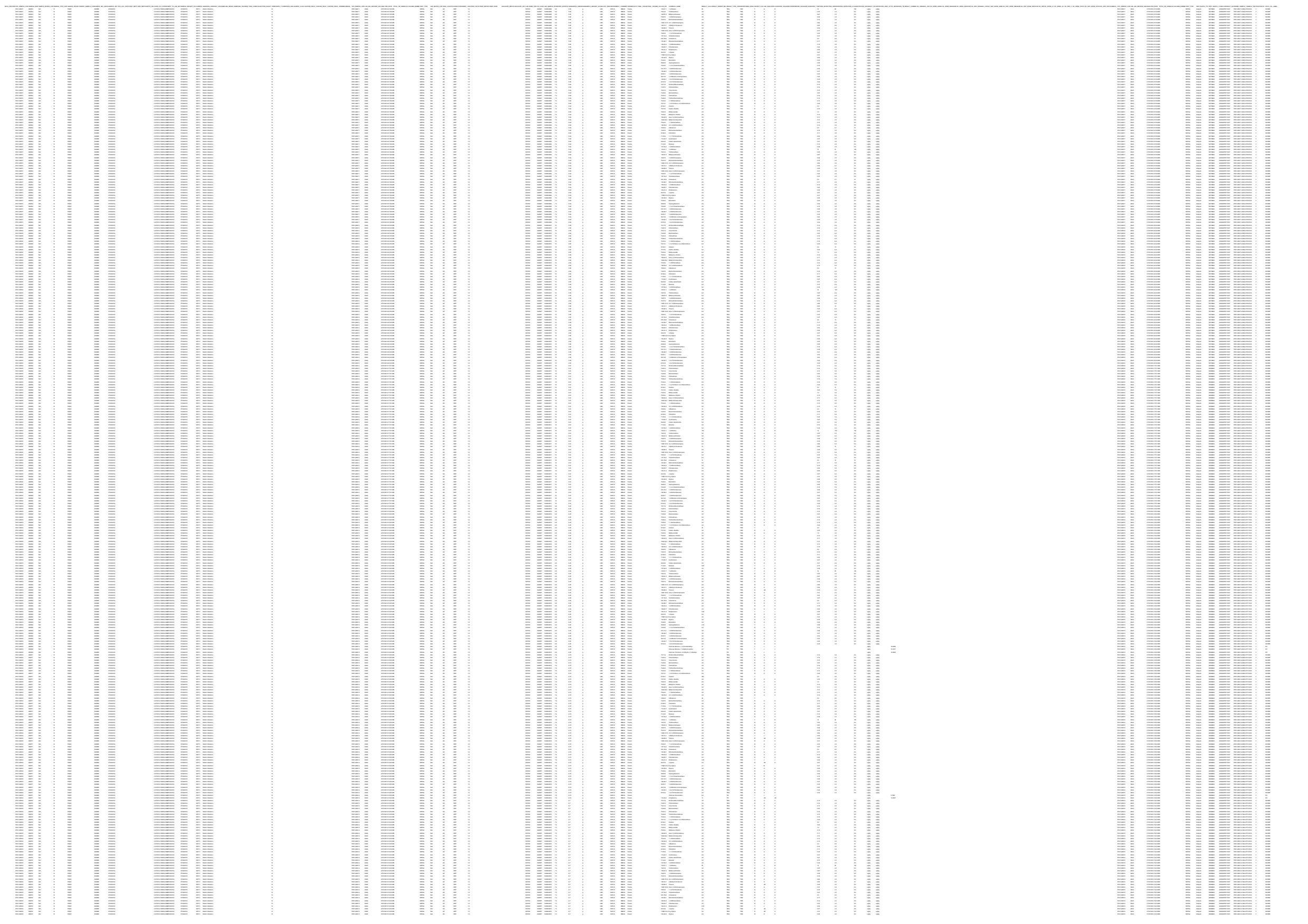
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	0.12	J	ug/kg	0.1164673093858	J	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
o-Xylene	Target	0.14	J	ug/kg	0.1379572930572	J	1.0	Yes	S3VEM
m,p-Xylene	Target	0.21	J	ug/kg	0.2089475284784	J	1.0	Yes	S3VEM
Styrene	Target	0.24	J	ug/kg	0.2391232886005	J	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	0.30	J	ug/kg	0.30391917833	J	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	0.41	J	ug/kg	0.4079917763033	J	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	0.39	J	ug/kg	0.3907987189967	J	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	0.56	J	ug/kg	0.5595051822634	J	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	0.91	J	ug/kg	0.9058589208901	J	1.0	Yes	S3VEM

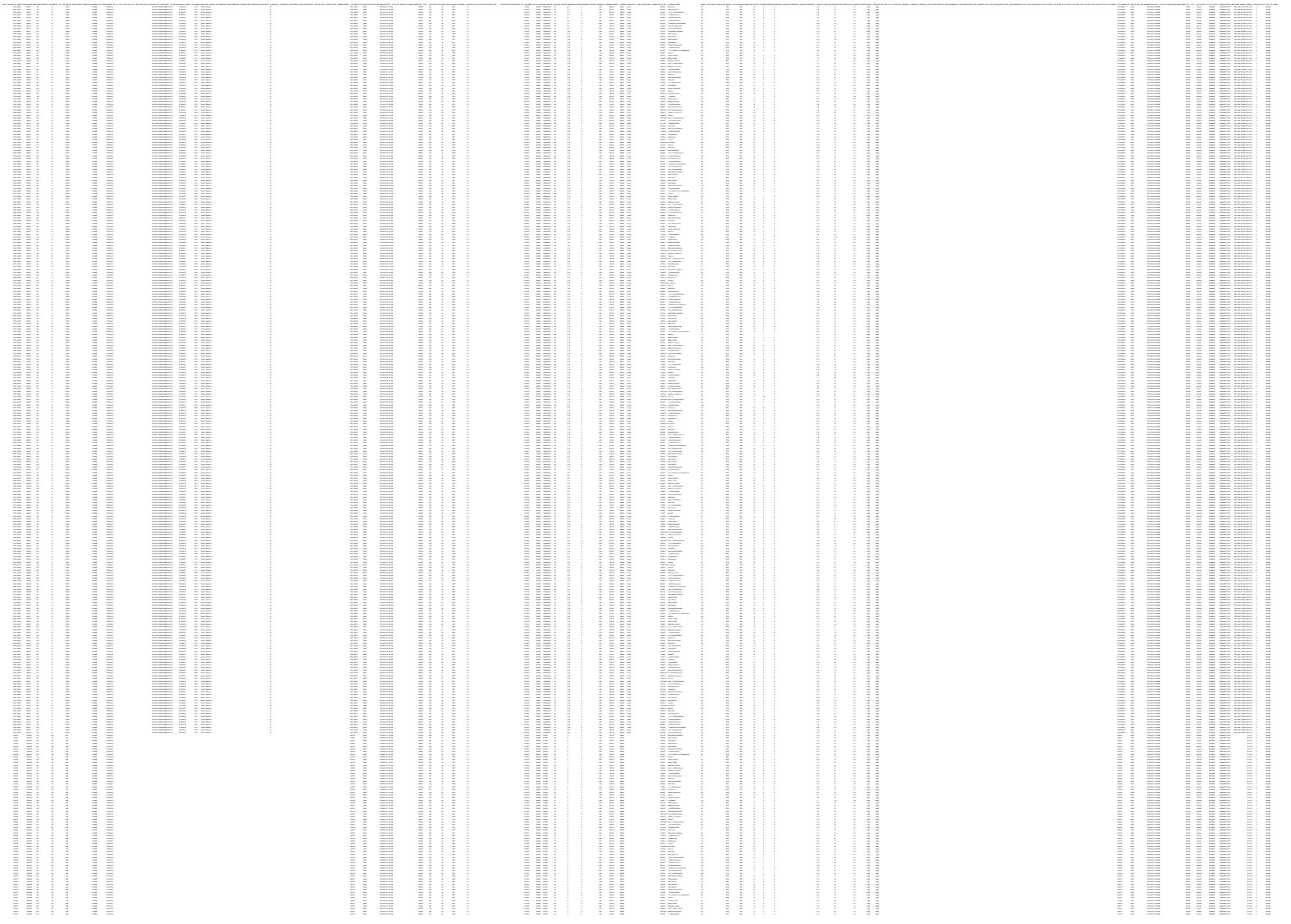
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Sample Number:	VHBLKS1	Method:	VOA_Low_Med	Matrix:	Soil	MA Number:	DEFAULT	
Sample Location:	402738	pH:		Sample Date:	07/31/2014	Sample Time:	23:27:00	
% Moisture :	0.0			% Solids :				

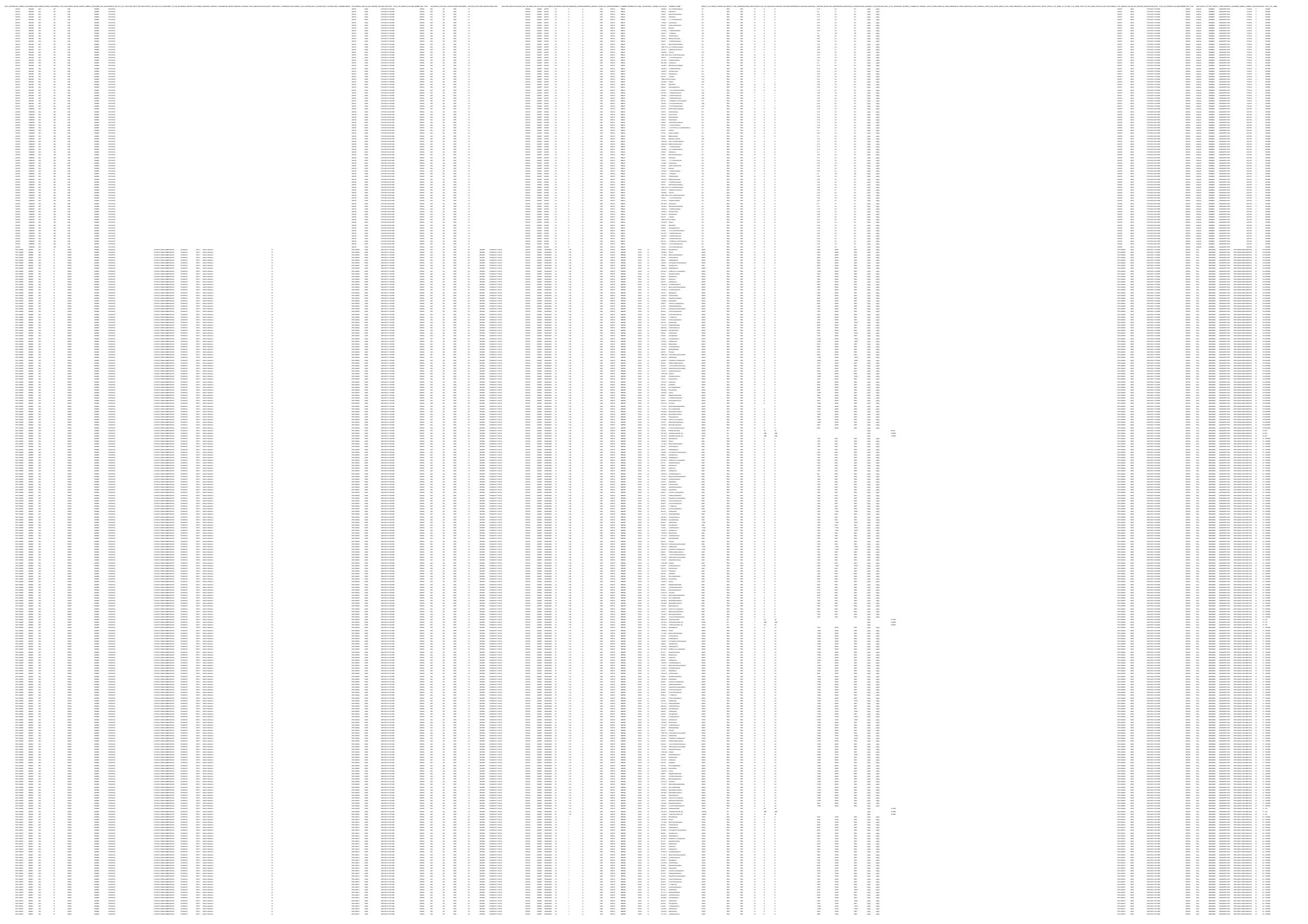
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl acetate	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylene chloride	Target	0.20	J	ug/kg	0.1954541061872	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methyl tert-butyl ether	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dioxane	Target	100	R	ug/kg	100	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

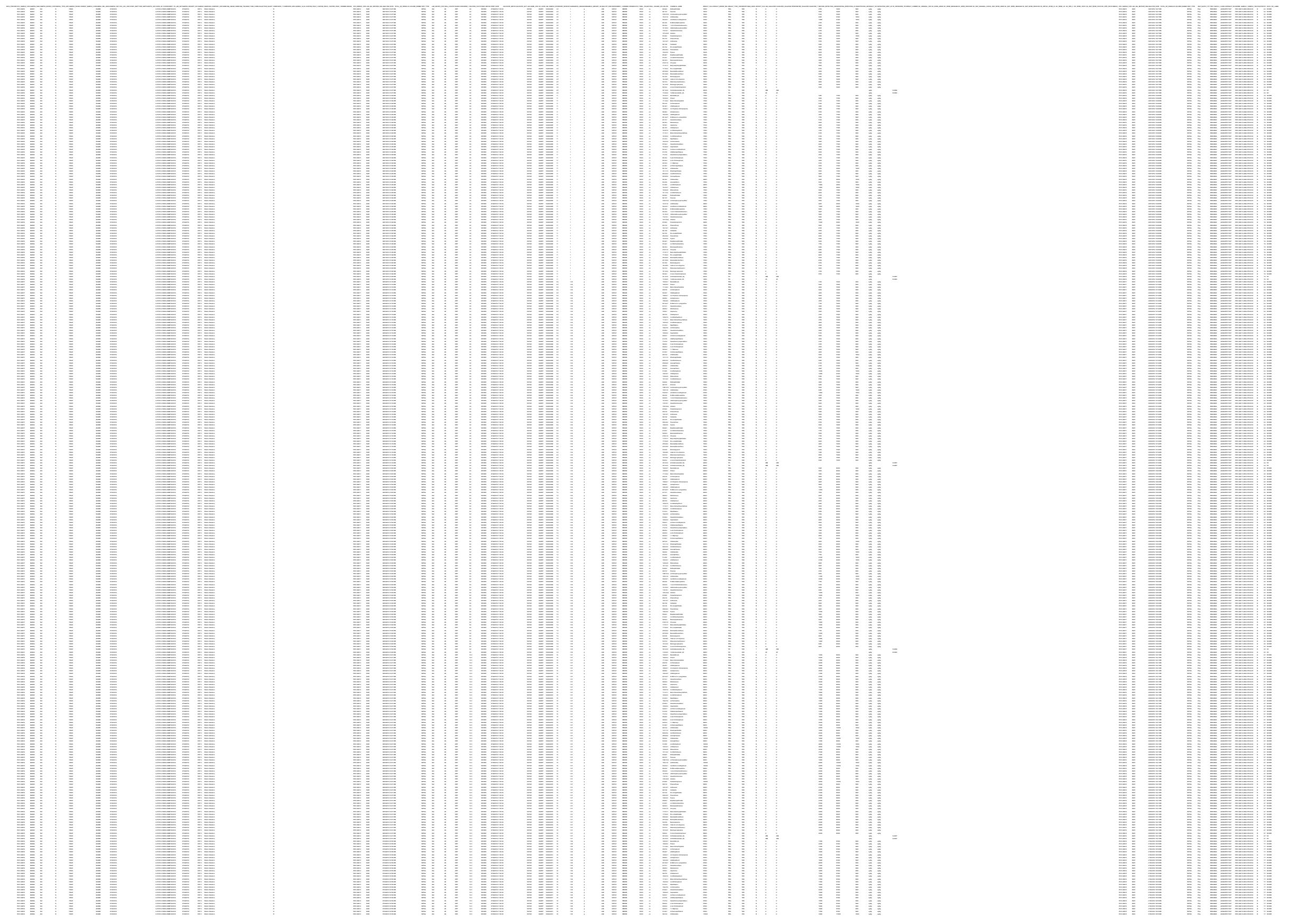
Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Bromodichloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
4-Methyl-2-Pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
o-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,4-Trichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5	U	1.0	Yes	S3VEM

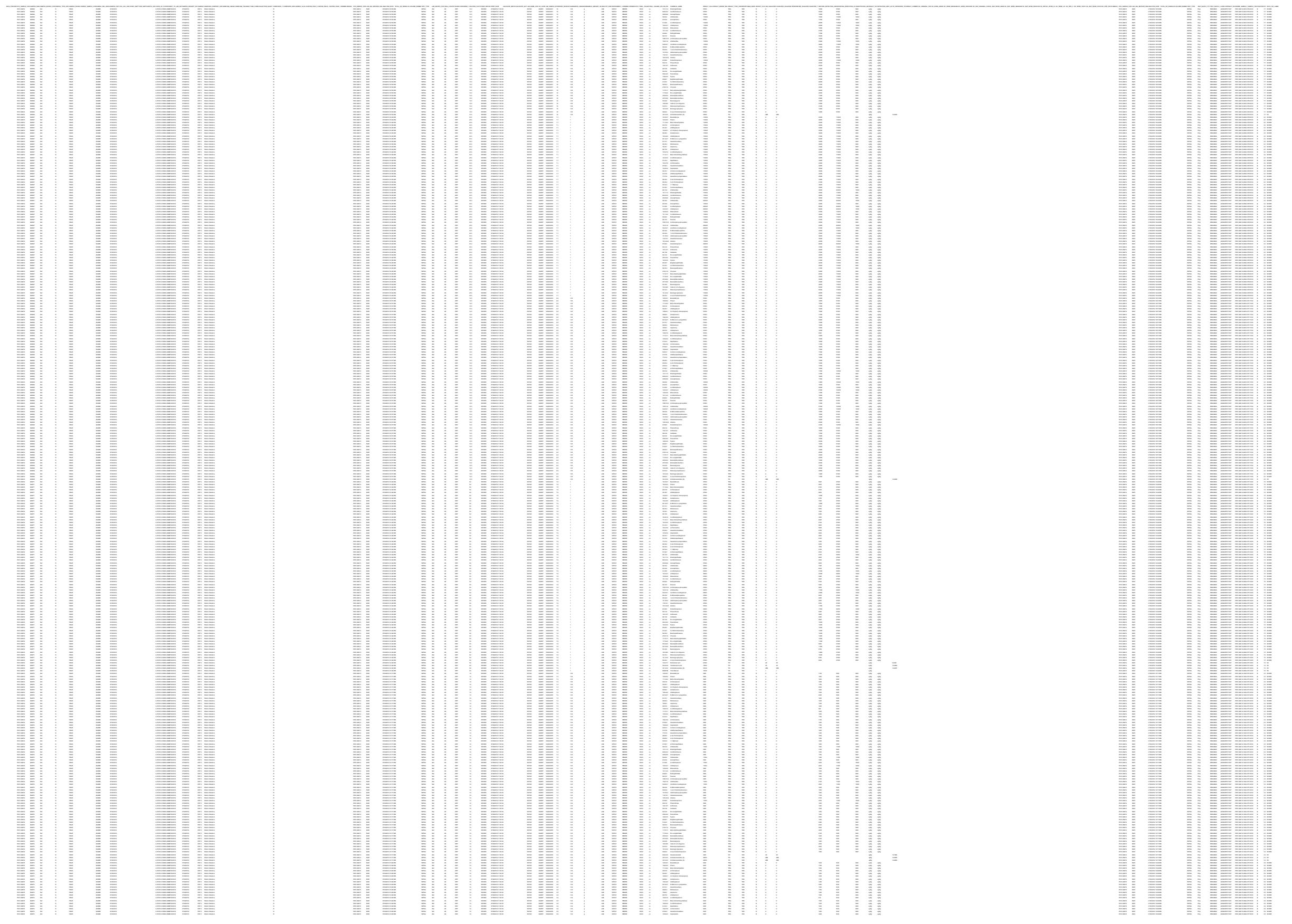


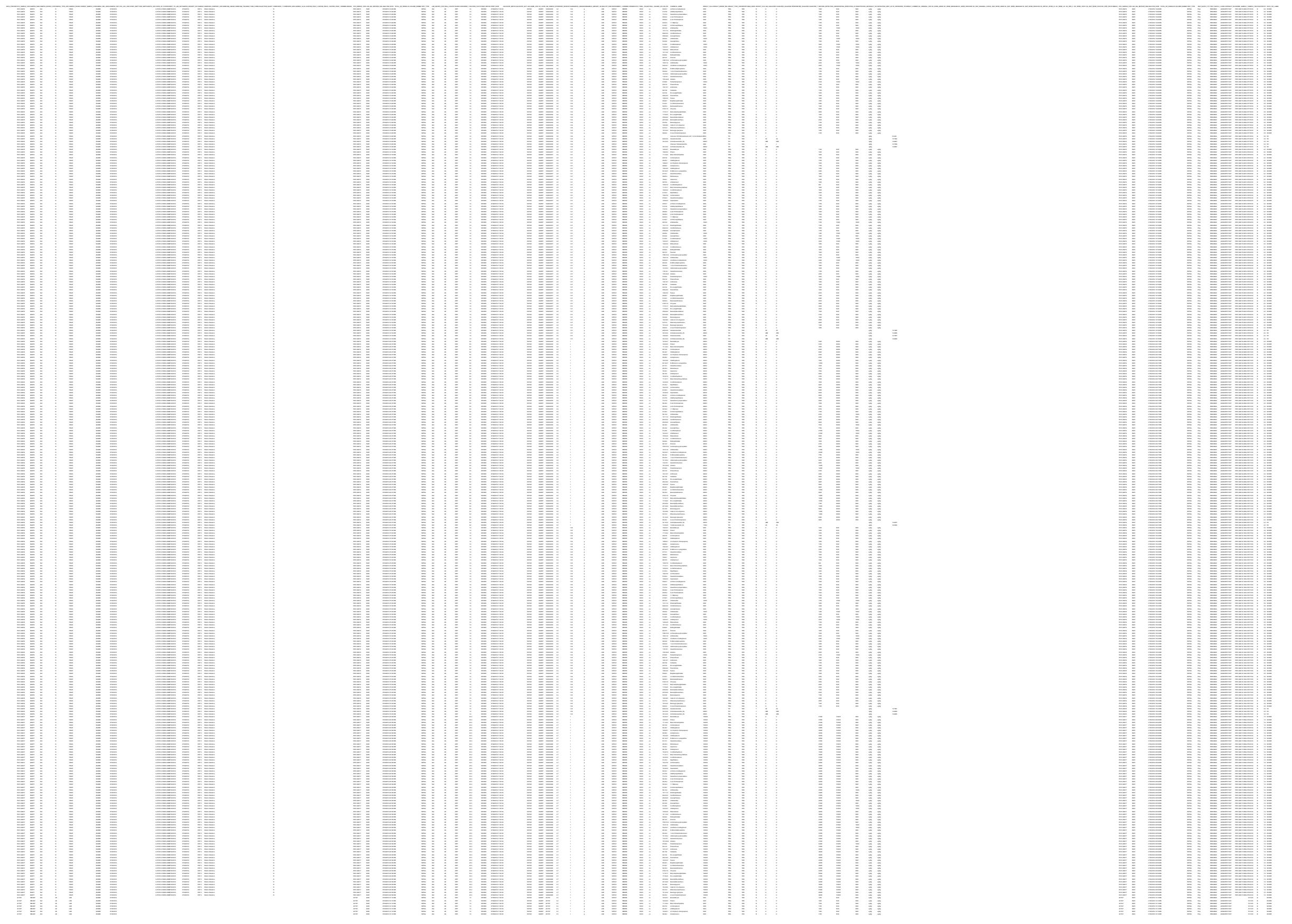


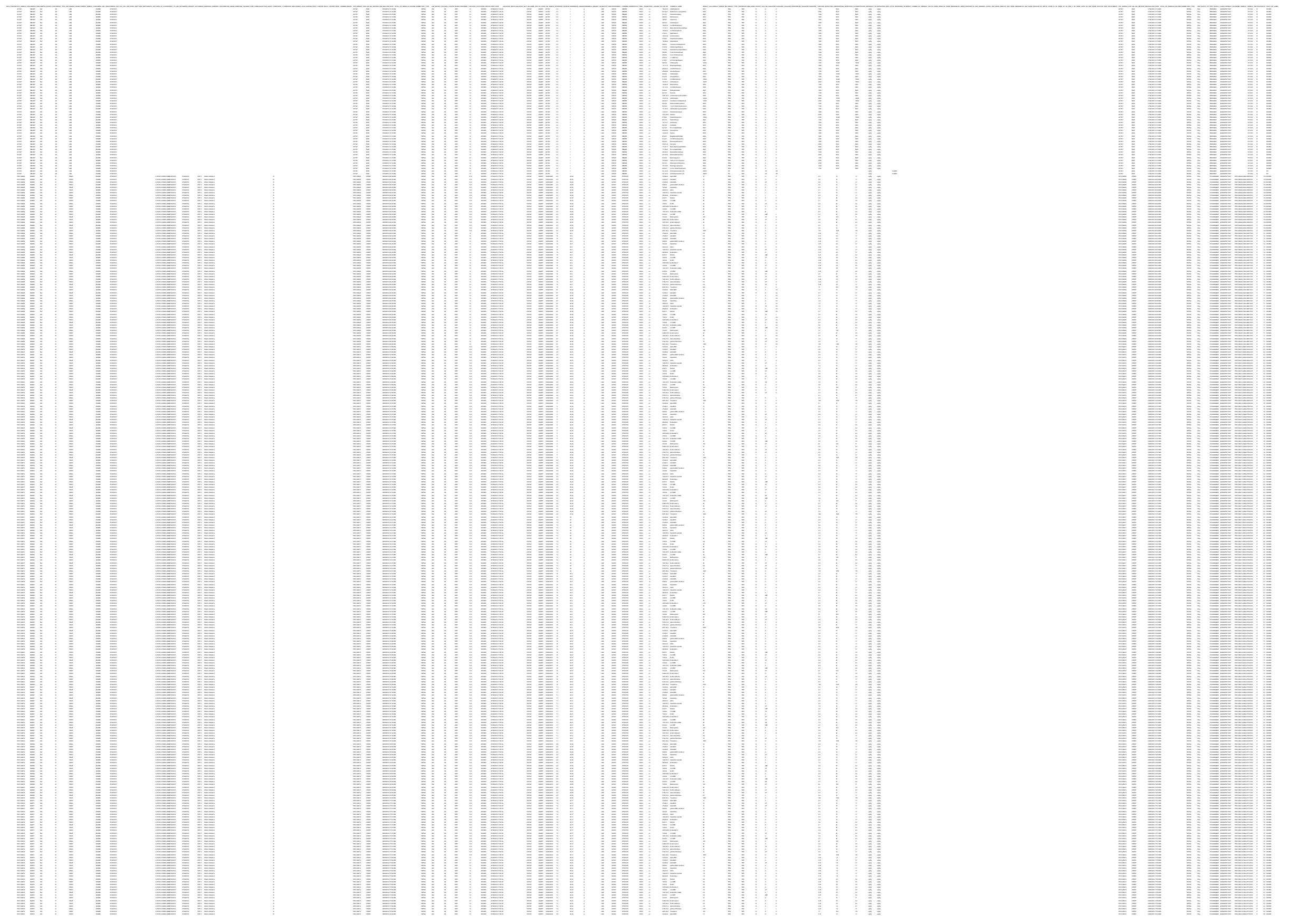


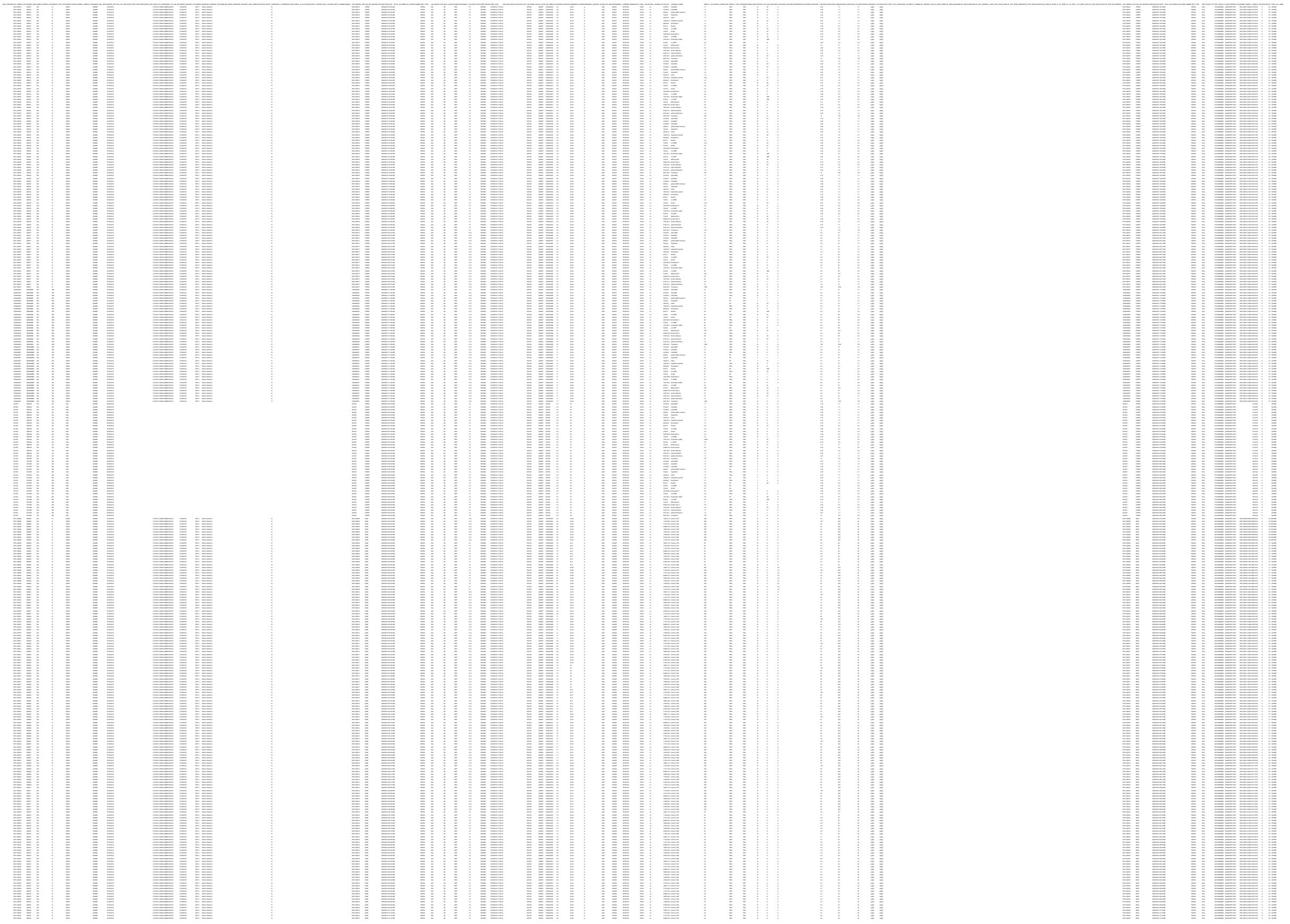


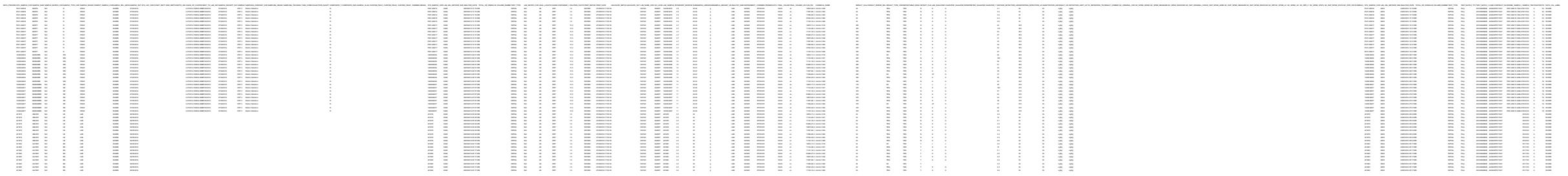












█ Result Rejected, Qualified R
█ Result equal to or over action level but Not Detected, Qualified U
█ Detected result over the action level

CAS No.	Fraction.	Create report without Action Levels		Sample ID: P001-GS009-0006-01	BASR8
		Action Level	Results	Sampling Location: 7/23/2014	ug/kg
84-74-2	Di-n-butylphthalate		2500	J	
98-86-2	Acetophenone		5400	J	

Result Rejected, Qualified R
 Result equal to or over action level but Not Detected, Qualified U
 Detected result over the action level

CAS No.	Fraction,	Action Level	Sample ID: P001-GS009-0006-01 7/23/2014 ug/kg	BASR8		BASR9RE		BASS1		BASS2		BASS3		BASS8		BAST1		BAST2		BAST3		BAST4		BAST5		BAST6				
				Results	Qualifier	Sampling Location: P001-GS009-1224-01 7/23/2014 ug/kg	Results	Qualifier	Sampling Date: P001-GS010-0006-01 7/23/2014 ug/kg	Results	Qualifier	Sampling Date: P001-GS010-2346-01 7/23/2014 ug/kg	Results	Qualifier	Sampling Date: P001-GS011-0006-01 7/23/2014 ug/kg	Results	Qualifier	Sampling Date: P001-GS013-0612-01 7/23/2014 ug/kg	Results	Qualifier	Sampling Date: P001-GS014-0006-01 7/23/2014 ug/kg	Results	Qualifier	Sampling Date: P001-GS015-0612-01 7/23/2014 ug/kg	Results	Qualifier	Sampling Date: P001-GS016-0006-01 7/23/2014 ug/kg	Results	Qualifier	Sampling Date: P001-GS016-1224-01 7/23/2014 ug/kg
100-41-4	Ethylbenzene			0.33	J		0.34	J		0.35	J		0.34	J	0.78 4.3	J J	0.79	J							0.36 0.74	J J	0.54	J		
108-10-1	4-Methyl-2-Pentanone																													
110-82-7	Cyclohexane																													
127-18-4	Tetrachloroethene																													
1634-04-4	Methyl tert-butyl ether																													
179601-23-1	m,p-Xylene																													
591-78-6	2-Hexanone			33 10		28	19		1.6	J		20		0.67 6.4	J J	4.1 1.9 200	J			46		22	70		6.3	J				
67-64-1	Acetone																													
67-66-3	Chloroform																													
71-43-2	Benzene																													
78-93-3	2-Butanone																													
79-01-6	Trichloroethene																													
95-47-6	p-Xylene																													
98-82-8	Isopropylbenzene																													

Create report without Action Levels

Result Rejected, Qualified R
 Result equal to or over action level but Not Detected, Qualified U
 Detected result over the action level

CAS No.	Fraction.	Create report without Action Levels	Action Level	Sample ID:	BASS2MS	BASS2MSD
				Sampling Location:	1420634006	1420634007
12674-11-2	Aroclor-1016			Sampling Date: Units:	7/23/2014 ug/kg	7/23/2014 ug/kg
				Results	Qualifier	Results
				160	J	170
						J

	Result Rejected, Qualified R
	Result equal to or over action level but Not Detected, Qualified U
	Detected result over the action level

Result Rejected, Qualified R
 Result equal to or over action level but Not Detected, Qualified U
 Detected result over the action level

Category	Fraction	Sample ID: P001-GS01-0006-1		BASS8 P001-GS09-1224-01		BASS9 P001-GS09-1224-02		BASS0 P001-GS00-0006-01		BASS1 P001-GS10-2346-01		BASS2 P001-GS10-2346-01		BASS3 P001-GS10-0612-01		BASS4 P001-GS10-0612-01		BASS5 P001-GS12-0006-01		BASS6 P001-GS01-0612-01		BAST1 P001-GS01-0612-01		BAST2 P001-GS01-224-01		BAST3 P001-GS01-224-01		BAST4 P001-GS01-0612-01		BAST5 P001-GS01-1224-01		BAST6 P001-GS01-1224-01		BAST7 P001-GS01-0006-01	
		Sampling Location: 7/23/2014		ug/kg		Sampling Location: 7/23/2014		ug/kg		Sampling Location: 7/23/2014		ug/kg		Sampling Location: 7/23/2014		ug/kg		Sampling Location: 7/23/2014		ug/kg		Sampling Location: 7/23/2014		ug/kg		Sampling Location: 7/23/2014		ug/kg		Sampling Location: 7/23/2014		ug/kg			
		Action Level	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier																			
10040-16	4-Nitrophenol	25000	U	10000	U	30000	U	10000	U	120000	U	25000	U	10000	U	50000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U
10052-7	Benzaldehyde	26000	U	3400	U	31000	U	52000	U	120000	U	110000	U	100000	U	54000	U	11000	U	10000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
10155-3	4-Bromophenyl-phenylether	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
10567-9	2,4-Dimethylphenol	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
10644-5	4-Chlorophenol	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
10645-6	Chlorophenol	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
10860-1	2,2'-Oxybis(1-chloropropane)	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
10865-2	Phenol	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
11169-1	Bis(2-chlorohydroxy)isobutane	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
11191-1	Bis(2-ethoxyethoxy)isobutane	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
11781-7	Bis(2-ethylhexyl)phthalate	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
11784-0	Di-n-octylphthalate	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
11801-5	Di-n-octylbenzene	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
12012-7	Anthracene	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
12083-2	2,4-Dichlorophenol	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
12100-5	2,4-Dichlorophenone	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000	U	10000	U	10000	U
12900-0	Pyrene	26000	U	3400	U	38000	U	16000	U	17000	U	26000	U	58000	U	110000	U	57000	U	11000	U	5000	U	2500	U	26000	U	5000	U	100000					

Result Rejected, Qualified R
 Result equal to or over action level but Not Detected, Qualified U
 Detected result over the action level

CAS No.	Fraction	Create report within Action Levels		Sample ID: P001-GS009-0006-0 7/23/2014		BASSR8 P001-GS009-1224-0 7/23/2014		BASSR9RE P001-GS010-1224-0 7/23/2014		BASSO P001-GS010-0006-0 7/23/2014		BASS1 P001-GS011-0006-0 7/23/2014		BASS2 P001-GS011-02436-0 7/23/2014		BASS3 P001-GS011-0006-0 7/23/2014		BASS4 P001-GS013-0006-0 7/23/2014		BASS5 P001-GS012-0612-0 7/23/2014		BASS6 P001-GS012-0612-0 7/23/2014		BAST1 P001-GS013-0006-0 7/23/2014		BAST2 P001-GS014-1224-0 7/23/2014		BAST3 P001-GS015-0006-0 7/23/2014		BAST4 P001-GS015-0612-0 7/23/2014		BAST5 P001-GS016-0006-0 7/23/2014		BAST6 P001-GS016-1224-0 7/23/2014		BAST7 P001-GS017-0006-0 7/23/2014	
		Action Level	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier	Results	Qualifier			
100-41-4	Ethylbenzene	U	5.1	U	30	UJ	4.4	U	4.5	U	6.4	U	5.2	J	0.34	U	0.78	J	0.79	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
100-42-5	Styrene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
100-43-6	cis-1,3-Dichloropropene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
1006-02-5	trans-1,3-Dichloropropene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
106-46-7	1,4-Dichlorobenzene	R	30	UJ	4.4	U	4.6	U	4.5	U	6.4	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
106-93-4	1,2-Dichloroethane	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
106-94-5	1,2-Dichloroethane	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
106-10-1	4-Methyl-2-Pentanone	U	10	UJ	8.8	U	9.3	U	9.1	U	13	U	10	U	8.3	U	9.4	U	8	U	9.5	U	10	U	9	U	9.3	U	9.8	U	9.8	U	9.8	U			
106-87-2	Methylcyclohexane	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
108-88-3	Toluene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
109-10-5	Chlorobenzene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
110-82-7	Cyclohexane	U	5.1	U	30	UJ	4.33	J	4.6	U	0.65	J	4.5	U	5.2	U	4.2	U	4	U	4.8	U	5	U	0.36	J	4.7	U	4.4	U	4.7	U	4.4	U			
120-82-1	1,2,4-Trichlorobenzene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
123-91-1	1,4-Dioxane	R	88	U	100	R	89	U	93	U	91	R	100	R	83	U	80	R	80	R	99	U	100	R	99	U	100	R	98	U	100	R	98	U			
124-40-2	Dichloromethane	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
127-18-4	Tetrachloroethene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	0.74	J	4.4	U	4.7	U	4.4	U	4.7	U	4.4	U	
156-59-2	cis-1,2-Dichloroethene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
156-60-3	trans-1,2-Dichloroethene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
163-04-4	m,p-Xylene	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4.1	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
17960-123-1	1,3-Dichlorobenzene	R	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4.1	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
541-73-1	Carbon tetrachloride	U	5.1	U	30	UJ	4.4	U	4.6	U	4.5	U	5.2	U	4.2	U	4	U	4	U	4.8	U	5	U	4.5	U	4.7	U	4.4	U	4.7	U	4.4	U			
591-78-6	2-Hexanone	U	10	U	59	UJ	8.8	U	9																												

	Result Rejected, Qualified R
	Result equal to or over action level but Not Detected, Qualified U
	Detected result over the action level

CAN No.	Function	Sampling Date		BASNS		BASNO		BASSN		BASSNS		BASSNO		BASS		BASSNS		BASSNO		BAST		BASTNS		BASTNO		BASTS		BASTNO	
		Sampling Date	Unit	Results	Qualifier																								
111004-1-260	Actno-1-260	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U
111007-6-93	Actno-1-254	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U
111004-1-268	Actno-1-268	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U
11104-28-450	Actno-1-221	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U
111004-1-272	Actno-1-272	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U
12672-29-4	Actno-1-248	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U
11104-11-172	Actno-1-172	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U
11104-12-106	Actno-1-106	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U
11104-13-125	Actno-1-125	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U
11104-21-142	Actno-1-142	7/23/2014	u/kg	360	U	38	U	250	U	350	U	370	U	380	U	360	U	380	U	360	U	35	U	34	U	34	U	350	U

	Result Rejected, Qualified R
	Result equal to or over action level but Not Detected, Qualified U
	Detected result over the action level